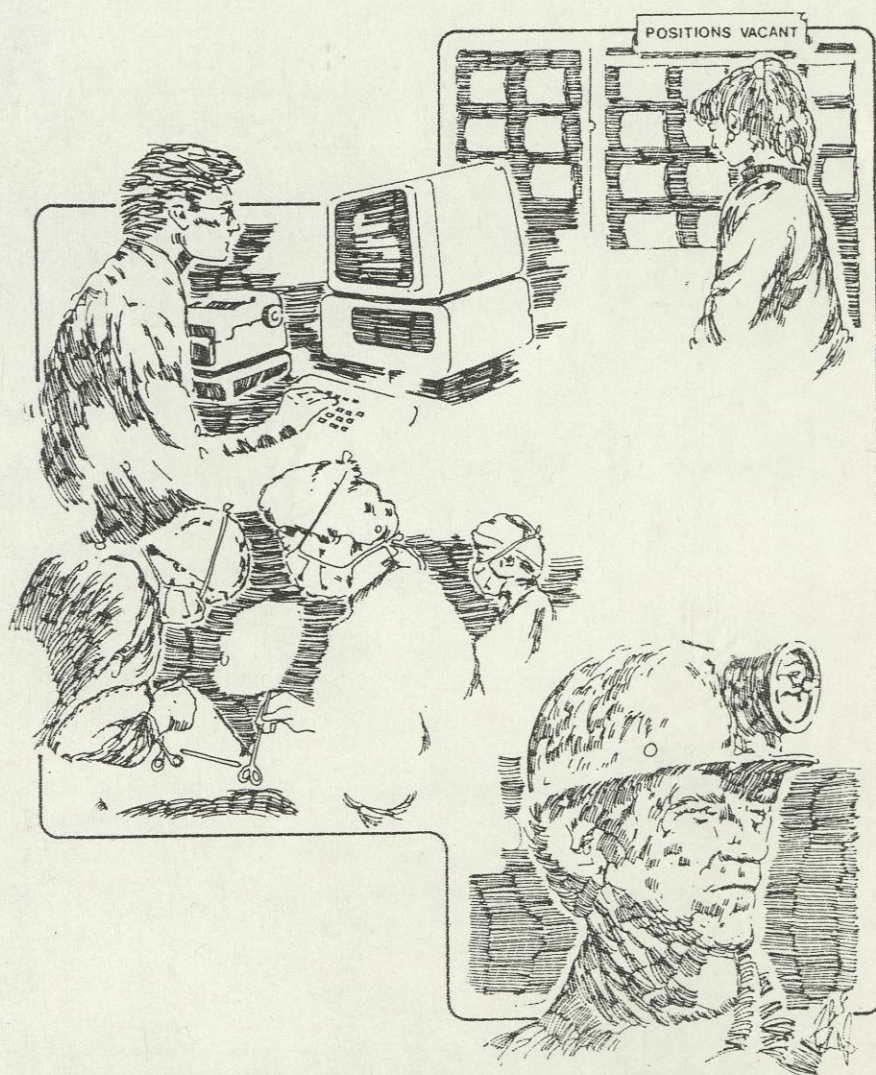


**NOVEMBER 1992**

**THE LABOUR FORCE  
QUEENSLAND**





## THE LABOUR FORCE, QUEENSLAND, NOVEMBER 1992

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## INQUIRIES

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- for information about other ABS statistics and services please contact Information Services on (07) 222 6351 or any ABS State office.

## SUMMARY OF FINDINGS

### Seasonally adjusted

Seasonally adjusted employment in Queensland decreased slightly from August 1992 to November 1992 and over the same period the number of persons in the labour force rose by 18,300. For Australia, seasonally adjusted employment decreased by 95,500 and the labour force by 63,100 over the 3 months to November 1992.

The unemployment rate in Queensland increased from the August 1992 figure of 10.1 per cent to 11.3 per cent in November 1992. In November 1992, the unemployment rate for Australia was 11.4 per cent.

TABLE 1 — LABOUR FORCE, QUEENSLAND  
(Seasonally adjusted series)

| Particulars        | Unit | November<br>1991 | August<br>1992 | September<br>1992 | October<br>1992 | November<br>1992 | Annual<br>percentage<br>change |
|--------------------|------|------------------|----------------|-------------------|-----------------|------------------|--------------------------------|
| Employed           | '000 | 1,317.4          | 1,352.3        | 1,356.1           | 1,360.9         | 1,349.8          | + 2.5                          |
| Unemployed         | '000 | 145.9            | 151.7          | 160.7             | 158.5           | 172.4            | +18.2                          |
| Unemployment rate  | %    | 10.0             | 10.1           | 10.6              | 10.4            | 11.3             | ..                             |
| Participation rate | %    | 63.1             | 63.6           | 64.0              | 64.0            | 64.0             | ..                             |
| Labour force       | '000 | 1,463.3          | 1,503.9        | 1,516.8           | 1,519.4         | 1,522.2          | + 4.0                          |

### Trend series

The number of employed Queenslanders increased by 11,200 from August 1992 to November 1992 and the unemployment rate has increased to 10.8 per cent in November 1992, compared with 10.0 per cent in November 1991. The number of employed Australians decreased while the unemployment rate increased from 11.0 per cent in August 1992 to 11.2 per cent in November 1992.

DIAGRAM 1 - EMPLOYED PERSONS: MONTHLY PERCENTAGE CHANGE  
(Trend series)

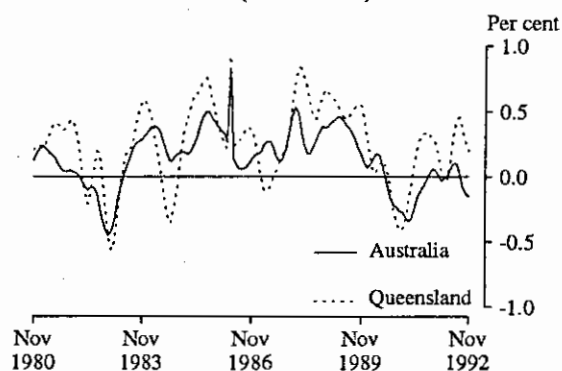
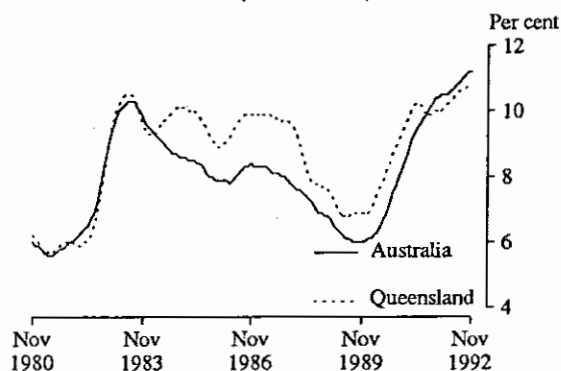


DIAGRAM 2 - UNEMPLOYMENT RATE  
(Trend series)



### Regional estimates

The unemployment rate for the Brisbane Major Statistical Region (MSR) in November 1992 was 9.4 per cent and for the Balance of Queensland 10.6 per cent. The South and East BSD Balance and North and West BSD Balance had the highest unemployment rates in the MSR at 12.4 and 11.5 per cent while the Brisbane City Outer Ring had the lowest rate of 6.4 per cent.

For the Balance of Queensland the region with the highest unemployment rate was South and East Moreton with 12.6 per cent. Wide Bay-Burnett recorded a rate of 12.1 per cent followed by North and West Moreton with 11.8 per cent. Mackay, Fitzroy and Central-West had the lowest unemployment rate of 7.6 per cent.

The labour force participation rate showed a wide variance between regions with the Northern and North-West region having the highest rate of 66.9 per cent contrasting with Wide Bay-Burnett with the lowest rate of 59.6 per cent.

### Youth estimates

The number of 15 to 19 year olds in the Queensland labour force fell slightly to 141,700 persons over the year to November 1992 and the numbers employed decreased by 4,300 (3.7 per cent) to 112,200. The unemployment rate for this group

SUMMARY OF FINDINGS — *continued*

increased from 19.5 per cent in November 1991 to 20.8 per cent in November 1992. The numbers in this age group working full-time decreased by 5,200 while those working part-time increased over the same period.

There were 177,300 employed 20 to 24 year olds in November 1992, an increase of 2.0 per cent over the 12 month period. The participation rate of this age group rose from 80.4 per cent in November 1991 to 81.2 per cent in November 1992 and the unemployment rate increased from 12.5 per cent to 14.8 per cent over the same period.

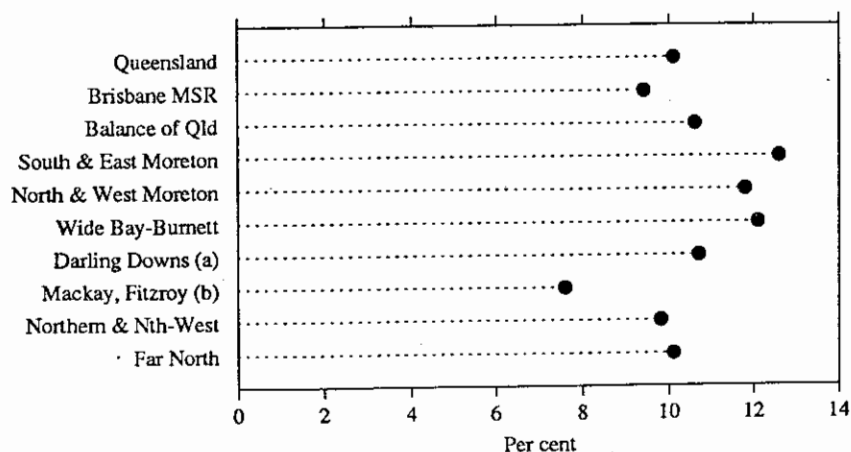
TABLE 2 — EMPLOYMENT AND UNEMPLOYMENT CHANGE FOR SELECTED GROUPS, QUEENSLAND

| Particulars                                | Employed<br>('000) |               | Annual<br>percentage<br>change | Unemployed<br>('000) |               | Annual<br>percentage<br>change |
|--|--------------------|---------------|--------------------------------|----------------------|---------------|--------------------------------|
|  | November 1991      | November 1992 |                                | November 1991        | November 1992 |                                |
| Males                                      | 776.0              | 781.7         | + 0.7                          | 77.3                 | 93.3          | + 20.7                         |
| Females                                    | 547.9              | 574.7         | + 4.9                          | 51.5                 | 58.8          | + 14.2                         |
| Persons aged (years)                       |                    |               |                                |                      |               |                                |
| 15 - 19                                    | 116.5              | 112.2         | - 3.7                          | 28.3                 | 29.5          | + 4.2                          |
| 20 - 24                                    | 173.9              | 177.3         | + 2.0                          | 24.9                 | 30.7          | + 23.3                         |
| 25 - 44                                    | 682.1              | 694.8         | + 1.9                          | 54.1                 | 65.3          | + 20.7                         |
| 45 and over                                | 351.4              | 372.2         | + 5.9                          | 21.5                 | 26.5          | + 23.3                         |
| Full-time workers                          | 1,007.7            | 1,024.3       | + 1.6                          | ..                   | ..            | ..                             |
| Part-time workers                          | 316.2              | 332.1         | + 5.0                          | ..                   | ..            | ..                             |
| Looking for full-time work                 | ..                 | ..            | ..                             | 109.3                | 126.4         | + 15.6                         |
| Looking for part-time work                 | ..                 | ..            | ..                             | 19.4                 | 25.7          | + 32.5                         |
| Selected industries                        |                    |               |                                |                      |               |                                |
| Manufacturing                              | 152.7              | 168.6         | + 10.4                         | 14.8                 | 17.2          | + 16.2                         |
| Construction                               | 111.5              | 113.4         | + 1.7                          | 10.7                 | 11.1          | + 3.7                          |
| Wholesale and retail trade                 | 294.0              | 301.1         | + 2.4                          | 18.8                 | 16.8          | - 10.6                         |
| Community services                         | 248.7              | 257.7         | + 3.6                          | 7.4                  | 6.3           | - 14.9                         |
| Recreation, personal and<br>other services | 116.4              | 116.8         | + 0.3                          | 7.1                  | 8.9           | + 25.4                         |
| Queensland                                 | 1,323.9            | 1,356.5       | + 2.5                          | 128.8                | 152.0         | + 18.0                         |

The total number of employed persons in Queensland increased by 2.5 per cent to 1,356,500 in the 12 months to November 1992 and the number of unemployed persons was 152,000, an increase of 18.0 per cent for the 12 month period.

Over the year to November 1992 the manufacturing industry showed an increase in the numbers employed, rising 15,900 (10.4 per cent). However, there was a slight increase in the numbers unemployed within this industry. The numbers employed in community services and wholesale and retail trade industries increased by 3.6 and 2.4 per cent, respectively, over the 12 months to November 1992. Both the community services and wholesale and retail trade industries showed falls of 14.9 per cent and 10.6 per cent, respectively, in the number of persons unemployed.

Part-time employment increased by 15,900 (5.0 per cent) between November 1991 and November 1992 while the numbers in full-time employment rose 16,600 to 1,024,300.

DIAGRAM 3 - UNEMPLOYMENT RATE: REGIONS OF QUEENSLAND  
NOVEMBER 1992

(a) Including South-West. (b) Including Central-West.

TABLE 3 — LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

| Month     | Employed  |         | Unemployed                        |       | Labour<br>force | Not in<br>labour<br>force | Civilian<br>population<br>aged<br>15 years<br>and over | Unem-<br>ployment<br>rate | Partici-<br>pation<br>rate |
|-----------|-----------|---------|-----------------------------------|-------|-----------------|---------------------------|--|---------------------------|----------------------------|
|           | Full-time | Total   | Looking<br>for full-<br>time work | Total |                 |                           |  |                           |                            |
|           | '000      | '000    | '000                              | '000  | '000            | '000                      | '000   | %                         | %                          |
| MALES     |           |         |                                   |       |                 |                           |  |                           |                            |
| 1991 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| September | 705.4     | 785.4   | 72.3                              | 80.2  | 865.6           | 278.5                     | 1,144.0  | 9.3                       | 75.7                       |
| October   | 705.0     | 781.4   | 70.3                              | 78.0  | 859.5           | 286.7                     | 1,146.1  | 9.1                       | 75.0                       |
| November  | 696.6     | 776.0   | 72.2                              | 77.3  | 853.3           | 294.9                     | 1,148.2  | 9.1                       | 74.3                       |
| December  | 711.4     | 786.8   | 83.4                              | 93.9  | 880.6           | 269.7                     | 1,150.3  | 10.7                      | 76.6                       |
| 1992 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| January   | 694.1     | 765.2   | 93.4                              | 101.8 | 867.0           | 285.9                     | 1,152.9  | 11.7                      | 75.2                       |
| February  | 692.3     | 771.2   | 85.2                              | 97.0  | 868.3           | 287.2                     | 1,155.4  | 11.2                      | 75.1                       |
| March     | 689.8     | 771.6   | 86.6                              | 95.5  | 867.1           | 291.0                     | 1,158.0  | 11.0                      | 74.9                       |
| April     | 692.3     | 771.5   | 85.5                              | 92.4  | 863.9           | 296.8                     | 1,160.7  | 10.7                      | 74.4                       |
| May       | 680.9     | 767.9   | 90.7                              | 99.2  | 867.1           | 296.2                     | 1,163.4  | 11.4                      | 74.5                       |
| June      | 684.5     | 770.4   | 91.9                              | 99.4  | 869.7           | 296.3                     | 1,166.0  | 11.4                      | 74.6                       |
| July      | 696.2     | 781.2   | 92.5                              | 99.8  | 881.0           | 287.4                     | 1,168.4  | 11.3                      | 75.4                       |
| August    | 693.9     | 777.4   | 80.8                              | 88.3  | 865.7           | 304.9                     | 1,170.7  | 10.2                      | 74.0                       |
| September | 703.6     | 788.9   | 80.1                              | 90.5  | 879.3           | 293.6                     | 1,173.0  | 10.3                      | 75.0                       |
| October   | 704.6     | 787.5   | 76.2                              | 86.2  | 873.7           | 301.8                     | 1,175.5  | 9.9                       | 74.3                       |
| November  | 704.4     | 781.7   | 84.9                              | 93.3  | 875.0           | 303.0                     | 1,178.0  | 10.7                      | 74.3                       |
| FEMALES   |           |         |                                   |       |                 |                           |  |                           |                            |
| 1991 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| September | 314.9     | 548.2   | 39.1                              | 57.3  | 605.5           | 559.4                     | 1,164.9  | 9.5                       | 52.0                       |
| October   | 313.8     | 543.4   | 37.7                              | 50.3  | 593.7           | 573.5                     | 1,167.2  | 8.5                       | 50.9                       |
| November  | 311.1     | 547.9   | 37.1                              | 51.5  | 599.3           | 570.1                     | 1,169.4  | 8.6                       | 51.2                       |
| December  | 327.2     | 559.9   | 41.3                              | 57.2  | 617.1           | 554.6                     | 1,171.6  | 9.3                       | 52.7                       |
| 1992 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| January   | 327.9     | 539.9   | 45.5                              | 60.0  | 599.9           | 574.4                     | 1,174.3  | 10.0                      | 51.1                       |
| February  | 317.7     | 553.5   | 51.4                              | 73.6  | 627.1           | 550.0                     | 1,177.0  | 11.7                      | 53.3                       |
| March     | 311.5     | 555.3   | 44.7                              | 66.2  | 621.4           | 558.3                     | 1,179.7  | 10.6                      | 52.7                       |
| April     | 316.0     | 560.2   | 45.3                              | 62.5  | 622.7           | 559.6                     | 1,182.4  | 10.0                      | 52.7                       |
| May       | 323.8     | 562.0   | 43.2                              | 58.1  | 620.0           | 565.0                     | 1,185.0  | 9.4                       | 52.3                       |
| June      | 320.1     | 563.4   | 43.3                              | 61.3  | 624.7           | 563.0                     | 1,187.7  | 9.8                       | 52.6                       |
| July      | 320.5     | 563.8   | 46.4                              | 62.0  | 625.9           | 564.5                     | 1,190.3  | 9.9                       | 52.6                       |
| August    | 319.2     | 567.4   | 39.4                              | 55.7  | 623.1           | 569.9                     | 1,193.0  | 8.9                       | 52.2                       |
| September | 321.6     | 581.4   | 39.9                              | 62.7  | 644.1           | 551.6                     | 1,195.6  | 9.7                       | 53.9                       |
| October   | 323.6     | 577.2   | 37.8                              | 56.3  | 633.5           | 564.8                     | 1,198.3  | 8.9                       | 52.9                       |
| November  | 320.0     | 574.7   | 41.5                              | 58.8  | 633.5           | 567.5                     | 1,201.0  | 9.3                       | 52.7                       |
| PERSONS   |           |         |                                   |       |                 |                           |  |                           |                            |
| 1991 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| September | 1,020.3   | 1,333.6 | 111.4                             | 137.5 | 1,471.1         | 837.9                     | 2,309.0  | 9.3                       | 63.7                       |
| October   | 1,018.9   | 1,324.8 | 108.0                             | 128.3 | 1,453.1         | 860.2                     | 2,313.3  | 8.8                       | 62.8                       |
| November  | 1,007.7   | 1,323.9 | 109.3                             | 128.8 | 1,452.6         | 865.0                     | 2,317.6  | 8.9                       | 62.7                       |
| December  | 1,038.6   | 1,346.7 | 124.7                             | 151.0 | 1,497.7         | 824.3                     | 2,322.0  | 10.1                      | 64.5                       |
| 1992 —    |           |         |                                   |       |                 |                           |  |                           |                            |
| January   | 1,022.1   | 1,305.1 | 138.8                             | 161.9 | 1,466.9         | 860.3                     | 2,327.2  | 11.0                      | 63.0                       |
| February  | 1,009.9   | 1,324.7 | 136.6                             | 170.6 | 1,495.3         | 837.1                     | 2,332.5  | 11.4                      | 64.1                       |
| March     | 1,001.3   | 1,326.8 | 131.3                             | 161.7 | 1,488.5         | 849.3                     | 2,337.7  | 10.9                      | 63.7                       |
| April     | 1,008.3   | 1,331.8 | 130.8                             | 154.9 | 1,486.7         | 856.4                     | 2,343.1  | 10.4                      | 63.5                       |
| May       | 1,004.7   | 1,329.9 | 133.9                             | 157.3 | 1,487.1         | 861.2                     | 2,348.4  | 10.6                      | 63.3                       |
| June      | 1,004.6   | 1,333.8 | 135.2                             | 160.7 | 1,494.5         | 859.3                     | 2,353.7  | 10.8                      | 63.5                       |
| July      | 1,016.7   | 1,345.0 | 138.8                             | 161.8 | 1,506.8         | 851.8                     | 2,358.7  | 10.7                      | 63.9                       |
| August    | 1,013.1   | 1,344.8 | 120.2                             | 144.0 | 1,488.8         | 874.9                     | 2,363.6  | 9.7                       | 63.0                       |
| September | 1,025.1   | 1,370.3 | 120.0                             | 153.1 | 1,523.4         | 845.2                     | 2,368.6  | 10.1                      | 64.3                       |
| October   | 1,028.2   | 1,364.7 | 114.0                             | 142.5 | 1,507.2         | 866.6                     | 2,373.8  | 9.5                       | 63.5                       |
| November  | 1,024.3   | 1,356.5 | 126.4                             | 152.0 | 1,508.5         | 870.6                     | 2,379.1  | 10.1                      | 63.4                       |

TABLE 4 — LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

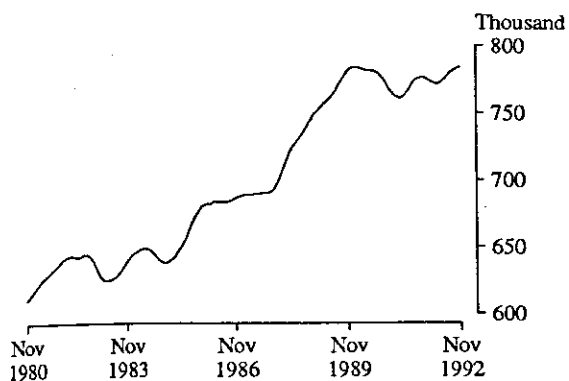
| Month     | Employed<br>'000 | Unemployed<br>'000 | Labour force<br>'000 | Unemployment<br>rate<br>% | Participation<br>rate<br>% |
|-----------|------------------|--------------------|----------------------|---------------------------|----------------------------|
| MALES     |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 778.8            | 86.4               | 865.1                | 10.0                      | 75.6                       |
| October   | 777.9            | 86.4               | 864.3                | 10.0                      | 75.4                       |
| November  | 775.4            | 87.7               | 863.1                | 10.2                      | 75.2                       |
| December  | 776.1            | 92.4               | 868.6                | 10.6                      | 75.5                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 772.1            | 90.6               | 862.7                | 10.5                      | 74.8                       |
| February  | 776.1            | 90.7               | 866.7                | 10.5                      | 75.0                       |
| March     | 772.3            | 89.1               | 861.5                | 10.3                      | 74.4                       |
| April     | 774.9            | 86.3               | 861.2                | 10.0                      | 74.2                       |
| May       | 766.5            | 95.6               | 862.0                | 11.1                      | 74.1                       |
| June      | 771.2            | 101.4              | 872.6                | 11.6                      | 74.8                       |
| July      | 782.1            | 104.2              | 886.3                | 11.8                      | 75.9                       |
| August    | 782.9            | 92.0               | 874.9                | 10.5                      | 74.7                       |
| September | 782.1            | 97.5               | 879.6                | 11.1                      | 75.0                       |
| October   | 783.8            | 95.6               | 879.4                | 10.9                      | 74.8                       |
| November  | 781.1            | 105.9              | 887.0                | 11.9                      | 75.3                       |
| FEMALES   |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 541.3            | 57.8               | 599.0                | 9.6                       | 51.4                       |
| October   | 543.2            | 56.1               | 599.4                | 9.4                       | 51.4                       |
| November  | 542.0            | 58.1               | 600.2                | 9.7                       | 51.3                       |
| December  | 554.8            | 54.9               | 609.7                | 9.0                       | 52.0                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 559.7            | 59.9               | 619.6                | 9.7                       | 52.8                       |
| February  | 562.0            | 65.0               | 627.0                | 10.4                      | 53.3                       |
| March     | 556.2            | 58.8               | 615.0                | 9.6                       | 52.1                       |
| April     | 558.7            | 57.5               | 616.2                | 9.3                       | 52.1                       |
| May       | 556.2            | 57.8               | 613.9                | 9.4                       | 51.8                       |
| June      | 557.7            | 64.4               | 622.1                | 10.4                      | 52.4                       |
| July      | 564.3            | 65.3               | 629.6                | 10.4                      | 52.9                       |
| August    | 569.4            | 59.7               | 629.0                | 9.5                       | 52.7                       |
| September | 574.1            | 63.1               | 637.2                | 9.9                       | 53.3                       |
| October   | 577.2            | 62.9               | 640.0                | 9.8                       | 53.4                       |
| November  | 568.7            | 66.4               | 635.2                | 10.5                      | 52.9                       |
| PERSONS   |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 1,320.0          | 144.2              | 1,464.2              | 9.8                       | 63.4                       |
| October   | 1,321.1          | 142.6              | 1,463.7              | 9.7                       | 63.3                       |
| November  | 1,317.4          | 145.9              | 1,463.3              | 10.0                      | 63.1                       |
| December  | 1,330.9          | 147.4              | 1,478.3              | 10.0                      | 63.7                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 1,331.9          | 150.5              | 1,482.4              | 10.2                      | 63.7                       |
| February  | 1,338.1          | 155.6              | 1,493.7              | 10.4                      | 64.0                       |
| March     | 1,328.5          | 147.9              | 1,476.4              | 10.0                      | 63.2                       |
| April     | 1,333.6          | 143.8              | 1,477.3              | 9.7                       | 63.1                       |
| May       | 1,322.7          | 153.3              | 1,476.0              | 10.4                      | 62.9                       |
| June      | 1,328.9          | 165.8              | 1,494.7              | 11.1                      | 63.5                       |
| July      | 1,346.4          | 169.5              | 1,515.9              | 11.2                      | 64.3                       |
| August    | 1,352.3          | 151.7              | 1,503.9              | 10.1                      | 63.6                       |
| September | 1,356.1          | 160.7              | 1,516.8              | 10.6                      | 64.0                       |
| October   | 1,360.9          | 158.5              | 1,519.4              | 10.4                      | 64.0                       |
| November  | 1,349.8          | 172.4              | 1,522.2              | 11.3                      | 64.0                       |

TABLE 5 — LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

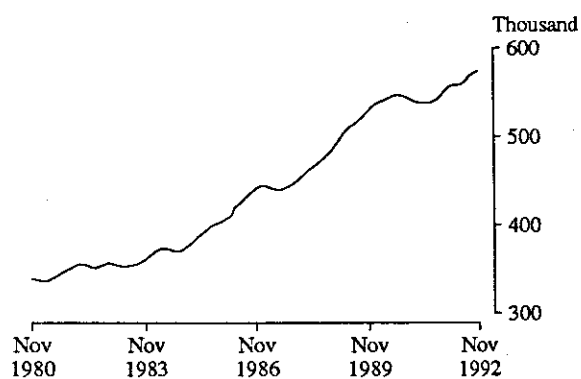
| Month     | Employed<br>'000 | Unemployed<br>'000 | Labour force<br>'000 | Unemployment<br>rate<br>% | Participation<br>rate<br>% |
|-----------|------------------|--------------------|----------------------|---------------------------|----------------------------|
| MALES     |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 775.1            | 86.1               | 861.2                | 10.0                      | 75.3                       |
| October   | 776.4            | 87.5               | 863.9                | 10.1                      | 75.4                       |
| November  | 776.6            | 88.8               | 865.4                | 10.3                      | 75.4                       |
| December  | 776.0            | 89.4               | 865.4                | 10.3                      | 75.2                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 774.9            | 89.5               | 864.3                | 10.4                      | 75.0                       |
| February  | 773.3            | 89.9               | 863.2                | 10.4                      | 74.7                       |
| March     | 772.2            | 90.9               | 863.1                | 10.5                      | 74.5                       |
| April     | 772.0            | 92.7               | 864.7                | 10.7                      | 74.5                       |
| May       | 773.0            | 94.6               | 867.6                | 10.9                      | 74.6                       |
| June      | 775.0            | 96.4               | 871.4                | 11.1                      | 74.7                       |
| July      | 777.5            | 97.7               | 875.2                | 11.2                      | 74.9                       |
| August    | 780.1            | 98.4               | 878.4                | 11.2                      | 75.0                       |
| September | 782.0            | 98.8               | 880.9                | 11.2                      | 75.1                       |
| October   | 783.3            | 99.5               | 882.8                | 11.3                      | 75.1                       |
| November  | 784.4            | 99.8               | 884.2                | 11.3                      | 75.1                       |
| FEMALES   |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 541.6            | 58.0               | 599.6                | 9.7                       | 51.5                       |
| October   | 544.6            | 57.5               | 602.1                | 9.5                       | 51.6                       |
| November  | 548.4            | 57.7               | 606.1                | 9.5                       | 51.8                       |
| December  | 552.3            | 58.2               | 610.6                | 9.5                       | 52.1                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 555.7            | 58.8               | 614.6                | 9.6                       | 52.3                       |
| February  | 557.8            | 59.5               | 617.2                | 9.6                       | 52.4                       |
| March     | 558.4            | 59.9               | 618.4                | 9.7                       | 52.4                       |
| April     | 558.4            | 60.4               | 618.7                | 9.8                       | 52.3                       |
| May       | 559.0            | 60.8               | 619.7                | 9.8                       | 52.3                       |
| June      | 561.0            | 61.3               | 622.3                | 9.8                       | 52.4                       |
| July      | 564.4            | 62.0               | 626.3                | 9.9                       | 52.6                       |
| August    | 568.0            | 62.8               | 630.7                | 10.0                      | 52.9                       |
| September | 571.0            | 63.4               | 634.4                | 10.0                      | 53.1                       |
| October   | 573.2            | 64.0               | 637.2                | 10.0                      | 53.2                       |
| November  | 574.8            | 64.5               | 639.3                | 10.1                      | 53.2                       |
| PERSONS   |                  |                    |                      |                           |                            |
| 1991 —    |                  |                    |                      |                           |                            |
| September | 1,316.7          | 144.1              | 1,460.8              | 9.9                       | 63.3                       |
| October   | 1,321.0          | 144.9              | 1,465.9              | 9.9                       | 63.4                       |
| November  | 1,325.0          | 146.5              | 1,471.4              | 10.0                      | 63.5                       |
| December  | 1,328.4          | 147.6              | 1,476.0              | 10.0                      | 63.6                       |
| 1992 —    |                  |                    |                      |                           |                            |
| January   | 1,330.6          | 148.3              | 1,478.9              | 10.0                      | 63.5                       |
| February  | 1,331.0          | 149.4              | 1,480.4              | 10.1                      | 63.5                       |
| March     | 1,330.6          | 150.9              | 1,481.5              | 10.2                      | 63.4                       |
| April     | 1,330.4          | 153.0              | 1,483.4              | 10.3                      | 63.3                       |
| May       | 1,331.9          | 155.4              | 1,487.3              | 10.4                      | 63.3                       |
| June      | 1,336.0          | 157.7              | 1,493.6              | 10.6                      | 63.5                       |
| July      | 1,341.9          | 159.6              | 1,501.6              | 10.6                      | 63.7                       |
| August    | 1,348.0          | 161.2              | 1,509.2              | 10.7                      | 63.9                       |
| September | 1,353.0          | 162.3              | 1,515.3              | 10.7                      | 64.0                       |
| October   | 1,356.5          | 163.5              | 1,520.0              | 10.8                      | 64.0                       |
| November  | 1,359.2          | 164.2              | 1,523.5              | 10.8                      | 64.0                       |

DIAGRAM 4 - LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND,  
NOVEMBER 1980 TO NOVEMBER 1992

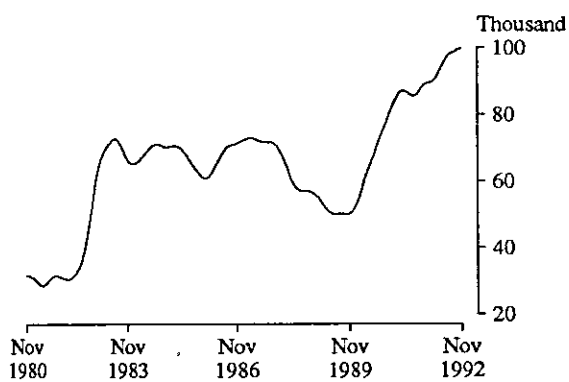
### EMPLOYED MALES



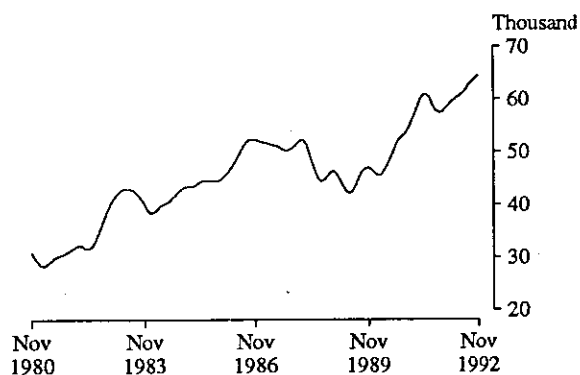
### EMPLOYED FEMALES



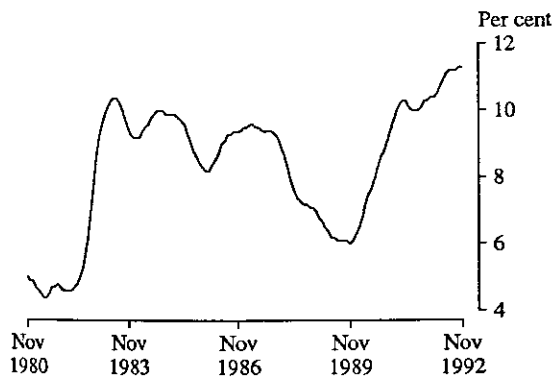
### UNEMPLOYED MALES



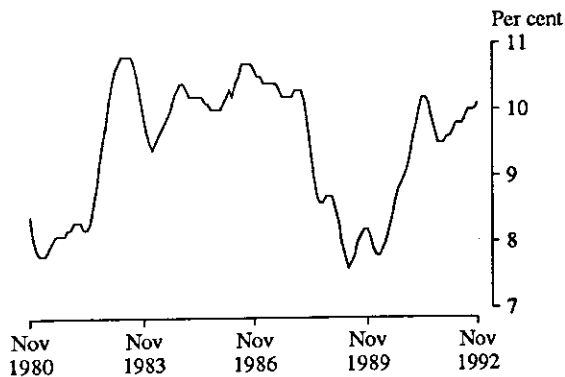
### UNEMPLOYED FEMALES



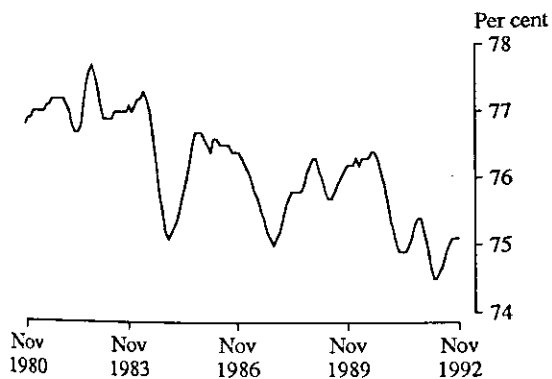
### MALE UNEMPLOYMENT RATE



### FEMALE UNEMPLOYMENT RATE



### MALE PARTICIPATION RATE



### FEMALE PARTICIPATION RATE

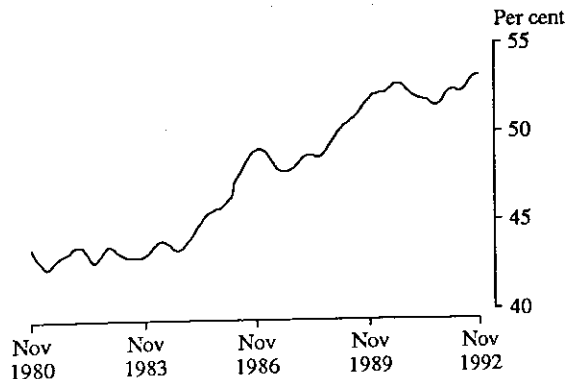




TABLE 6 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, SEPTEMBER 1992

| Region                           | Employed       |              |                | Unemployed   | Labour force   | Not in labour force | Unemployment rate | Participation rate |
|----------------------------------|----------------|--------------|----------------|--------------|----------------|---------------------|-------------------|--------------------|
|                                  | Full-time      | Part-time    | Total          |              |                |                     |                   |                    |
|                                  | '000           | '000         | '000           | '000         | '000           | '000                | %                 | %                  |
| MALES                            |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 323.4          | 40.1         | 363.5          | 41.4         | 404.8          | 134.1               | 10.2              | 75.1               |
| Brisbane City Inner Ring         | 76.2           | 11.6         | 87.9           | 10.9         | 98.7           | 41.3                | 11.0              | 70.5               |
| Brisbane City Outer Ring         | 98.8           | 14.4         | 113.3          | 9.4          | 122.6          | 45.9                | 7.6               | 72.8               |
| South and East BSD Balance       | 67.4           | 6.8          | 74.2           | 10.0         | 84.2           | 18.1                | 11.9              | 82.3               |
| North and West BSD Balance       | 80.9           | 7.2          | 88.1           | 11.2         | 99.3           | 28.8                | 11.3              | 77.5               |
| <i>Balance of Queensland</i>     | 380.2          | 45.2         | 425.4          | 49.1         | 474.5          | 159.5               | 10.3              | 74.8               |
| South and East Moreton           | 61.7           | 9.3          | 71.0           | 10.4         | 81.4           | 32.7                | 12.8              | 71.3               |
| North and West Moreton           | 41.8           | 8.7          | 50.5           | 6.8          | 57.4           | 24.9                | 11.9              | 69.8               |
| Wide Bay-Burnett                 | 49.1           | 4.7          | 53.7           | 8.8          | 62.5           | 24.7                | 14.1              | 71.7               |
| Darling Downs and South-West     | 48.2           | 2.5          | 50.7           | 6.0          | 56.7           | 21.5                | 10.6              | 72.5               |
| Mackay, Fitzroy and Central-West | 73.3           | 7.1          | 80.4           | 6.3          | 86.7           | 23.3                | 7.3               | 78.8               |
| Northern and North-West          | 58.4           | 3.4          | 61.7           | 4.5          | 66.3           | 15.3                | 6.9               | 81.2               |
| Far North                        | 47.9           | 9.5          | 57.4           | 6.1          | 63.5           | 17.1                | 9.7               | 78.8               |
| <b>Queensland</b>                | <b>703.6</b>   | <b>85.3</b>  | <b>788.9</b>   | <b>90.5</b>  | <b>879.3</b>   | <b>293.6</b>        | <b>10.3</b>       | <b>75.0</b>        |
| FEMALES                          |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 164.5          | 120.5        | 285.0          | 27.7         | 312.6          | 255.9               | 8.9               | 55.0               |
| Brisbane City Inner Ring         | 48.4           | 30.3         | 78.7           | 6.8          | 85.5           | 74.4                | 7.9               | 53.5               |
| Brisbane City Outer Ring         | 50.3           | 40.1         | 90.4           | 8.3          | 98.8           | 73.3                | 8.4               | 57.4               |
| South and East BSD Balance       | 30.2           | 23.7         | 53.9           | 6.1          | 60.0           | 44.5                | 10.2              | 57.4               |
| North and West BSD Balance       | 35.6           | 26.4         | 62.0           | 6.4          | 68.4           | 63.6                | 9.4               | 51.8               |
| <i>Balance of Queensland</i>     | 157.1          | 139.3        | 296.4          | 35.0         | 331.4          | 295.6               | 10.6              | 52.9               |
| South and East Moreton           | 27.2           | 21.7         | 48.9           | 6.5          | 55.4           | 49.6                | 11.8              | 52.8               |
| North and West Moreton           | 17.4           | 19.1         | 36.5           | 6.7          | 43.2           | 43.7                | 15.5              | 49.7               |
| Wide Bay-Burnett                 | 18.2           | 21.4         | 39.7           | 5.2          | 44.9           | 43.9                | 11.7              | 50.6               |
| Darling Downs and South-West     | 17.1           | 18.8         | 36.0           | 2.6          | 38.6           | 37.7                | 6.7               | 50.6               |
| Mackay, Fitzroy and Central-West | 28.6           | 21.8         | 50.4           | 6.2          | 56.6           | 55.3                | 10.9              | 50.6               |
| Northern and North-West          | 25.3           | 18.0         | 43.2           | 4.3          | 47.6           | 35.0                | 9.1               | 57.6               |
| Far North                        | 23.3           | 18.5         | 41.8           | 3.5          | 45.3           | 30.5                | 7.7               | 59.7               |
| <b>Queensland</b>                | <b>321.6</b>   | <b>259.8</b> | <b>581.4</b>   | <b>62.7</b>  | <b>644.1</b>   | <b>551.6</b>        | <b>9.7</b>        | <b>53.9</b>        |
| PERSONS                          |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 487.9          | 160.5        | 648.4          | 69.1         | 717.5          | 390.0               | 9.6               | 64.8               |
| Brisbane City Inner Ring         | 124.7          | 41.9         | 166.6          | 17.6         | 184.2          | 115.7               | 9.6               | 61.4               |
| Brisbane City Outer Ring         | 149.2          | 54.5         | 203.7          | 17.7         | 221.4          | 119.2               | 8.0               | 65.0               |
| South and East BSD Balance       | 97.5           | 30.5         | 128.1          | 16.1         | 144.2          | 62.7                | 11.2              | 69.7               |
| North and West BSD Balance       | 116.5          | 33.6         | 150.1          | 17.6         | 167.7          | 92.4                | 10.5              | 64.5               |
| <i>Balance of Queensland</i>     | 537.3          | 184.6        | 721.8          | 84.1         | 805.9          | 455.2               | 10.4              | 63.9               |
| South and East Moreton           | 88.8           | 31.0         | 119.8          | 17.0         | 136.8          | 82.3                | 12.4              | 62.4               |
| North and West Moreton           | 59.2           | 27.8         | 87.0           | 13.5         | 100.6          | 68.6                | 13.4              | 59.5               |
| Wide Bay-Burnett                 | 67.3           | 26.1         | 93.4           | 14.0         | 107.4          | 68.6                | 13.1              | 61.0               |
| Darling Downs and South-West     | 65.3           | 21.4         | 86.7           | 8.6          | 95.2           | 59.1                | 9.0               | 61.7               |
| Mackay, Fitzroy and Central-West | 101.8          | 28.9         | 130.8          | 12.5         | 143.3          | 78.6                | 8.7               | 64.6               |
| Northern and North-West          | 83.6           | 21.3         | 105.0          | 8.9          | 113.8          | 50.3                | 7.8               | 69.3               |
| Far North                        | 71.2           | 28.0         | 99.1           | 9.6          | 108.8          | 47.6                | 8.9               | 69.5               |
| <b>Queensland</b>                | <b>1,025.1</b> | <b>345.1</b> | <b>1,370.3</b> | <b>153.1</b> | <b>1,523.4</b> | <b>845.2</b>        | <b>10.1</b>       | <b>64.3</b>        |

TABLE 7 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, OCTOBER 1992

| Region                           | Employed  |           |         | Unemployed | Labour<br>force | Not in<br>labour<br>force | Unem-<br>ployment<br>rate | Partici-<br>pation<br>rate |
|----------------------------------|-----------|-----------|---------|------------|-----------------|---------------------------|---------------------------|----------------------------|
|                                  | Full-time | Part-time | Total   |            |                 |                           |                           |                            |
|                                  | '000      | '000      | '000    |            |                 |                           |                           |                            |
| MALES                            |           |           |         |            |                 |                           |                           |                            |
| Brisbane                         | 325.3     | 37.5      | 362.8   | 38.3       | 401.1           | 138.9                     | 9.6                       | 74.3                       |
| Brisbane City Inner Ring         | 80.4      | 11.1      | 91.5    | 11.7       | 103.2           | 41.9                      | 11.3                      | 71.1                       |
| Brisbane City Outer Ring         | 99.7      | 14.4      | 114.1   | 8.9        | 123.0           | 48.9                      | 7.2                       | 71.5                       |
| South and East BSD Balance       | 69.9      | 5.3       | 75.2    | 7.5        | 82.8            | 18.7                      | 9.1                       | 81.6                       |
| North and West BSD Balance       | 75.3      | 6.6       | 82.0    | 10.3       | 92.2            | 29.4                      | 11.1                      | 75.8                       |
| Balance of Queensland            | 379.3     | 45.5      | 424.7   | 47.9       | 472.6           | 162.9                     | 10.1                      | 74.4                       |
| South and East Moreton           | 59.3      | 8.1       | 67.5    | 12.0       | 79.5            | 29.6                      | 15.1                      | 72.8                       |
| North and West Moreton           | 43.8      | 8.3       | 52.1    | 8.3        | 60.4            | 25.0                      | 13.7                      | 70.7                       |
| Wide Bay-Burnett                 | 44.7      | 4.5       | 49.2    | 8.5        | 57.7            | 26.4                      | 14.7                      | 68.6                       |
| Darling Downs and South-West     | 51.5      | 3.9       | 55.4    | 4.2        | 59.6            | 23.3                      | 7.1                       | 71.9                       |
| Mackay, Fitzroy and Central-West | 74.4      | 7.0       | 81.5    | 5.0        | 86.4            | 21.7                      | 5.7                       | 79.9                       |
| Northern and North-West          | 59.4      | 4.2       | 63.7    | 4.4        | 68.0            | 17.8                      | 6.4                       | 79.3                       |
| Far North                        | 46.1      | 9.3       | 55.5    | 5.6        | 61.0            | 19.1                      | 9.1                       | 76.2                       |
| Queensland                       | 704.6     | 82.9      | 787.5   | 86.2       | 873.7           | 301.8                     | 9.9                       | 74.3                       |
| FEMALES                          |           |           |         |            |                 |                           |                           |                            |
| Brisbane                         | 162.1     | 117.8     | 279.9   | 24.9       | 304.9           | 264.8                     | 8.2                       | 53.5                       |
| Brisbane City Inner Ring         | 47.1      | 29.8      | 76.9    | 5.7        | 82.6            | 78.0                      | 6.9                       | 51.4                       |
| Brisbane City Outer Ring         | 52.3      | 39.9      | 92.2    | 6.6        | 98.8            | 75.7                      | 6.7                       | 56.6                       |
| South and East BSD Balance       | 30.9      | 23.6      | 54.5    | 5.9        | 60.4            | 45.2                      | 9.8                       | 57.2                       |
| North and West BSD Balance       | 31.8      | 24.5      | 56.4    | 6.7        | 63.0            | 65.8                      | 10.6                      | 48.9                       |
| Balance of Queensland            | 161.5     | 135.8     | 297.3   | 31.3       | 328.7           | 300.0                     | 9.5                       | 52.3                       |
| South and East Moreton           | 28.2      | 23.5      | 51.7    | 4.8        | 56.6            | 49.5                      | 8.5                       | 53.3                       |
| North and West Moreton           | 18.9      | 18.5      | 37.5    | 5.4        | 42.8            | 46.9                      | 12.6                      | 47.7                       |
| Wide Bay-Burnett                 | 17.4      | 19.9      | 37.4    | 6.1        | 43.5            | 40.5                      | 14.1                      | 51.8                       |
| Darling Downs and South-West     | 17.6      | 18.2      | 35.9    | 2.1        | 37.9            | 39.3                      | 5.5                       | 49.1                       |
| Mackay, Fitzroy and Central-West | 28.1      | 21.9      | 50.0    | 4.9        | 54.9            | 53.7                      | 8.9                       | 50.6                       |
| Northern and North-West          | 27.6      | 16.0      | 43.6    | 4.9        | 48.5            | 37.0                      | 10.2                      | 56.7                       |
| Far North                        | 23.6      | 17.7      | 41.3    | 3.2        | 44.5            | 33.1                      | 7.1                       | 57.3                       |
| Queensland                       | 323.6     | 253.6     | 577.2   | 56.3       | 633.5           | 564.8                     | 8.9                       | 52.9                       |
| PERSONS                          |           |           |         |            |                 |                           |                           |                            |
| Brisbane                         | 487.4     | 155.3     | 642.7   | 63.3       | 706.0           | 403.7                     | 9.0                       | 63.6                       |
| Brisbane City Inner Ring         | 127.5     | 40.9      | 168.3   | 17.4       | 185.8           | 119.9                     | 9.4                       | 60.8                       |
| Brisbane City Outer Ring         | 152.0     | 54.3      | 206.3   | 15.5       | 221.8           | 124.7                     | 7.0                       | 64.0                       |
| South and East BSD Balance       | 100.9     | 28.9      | 129.7   | 13.4       | 143.2           | 63.9                      | 9.4                       | 69.1                       |
| North and West BSD Balance       | 107.1     | 31.2      | 138.3   | 16.9       | 155.2           | 95.2                      | 10.9                      | 62.0                       |
| Balance of Queensland            | 540.8     | 181.3     | 722.0   | 79.2       | 801.3           | 462.9                     | 9.9                       | 63.4                       |
| South and East Moreton           | 87.6      | 31.6      | 119.2   | 16.8       | 136.0           | 79.1                      | 12.4                      | 63.2                       |
| North and West Moreton           | 62.7      | 26.9      | 89.6    | 13.7       | 103.2           | 71.9                      | 13.2                      | 59.0                       |
| Wide Bay-Burnett                 | 62.1      | 24.4      | 86.5    | 14.6       | 101.2           | 66.9                      | 14.4                      | 60.2                       |
| Darling Downs and South-West     | 69.1      | 22.1      | 91.2    | 6.3        | 97.5            | 62.6                      | 6.5                       | 60.9                       |
| Mackay, Fitzroy and Central-West | 102.5     | 29.0      | 131.5   | 9.8        | 141.3           | 75.4                      | 7.0                       | 65.2                       |
| Northern and North-West          | 87.1      | 20.2      | 107.2   | 9.3        | 116.5           | 54.8                      | 8.0                       | 68.0                       |
| Far North                        | 69.7      | 27.1      | 96.8    | 8.7        | 105.5           | 52.1                      | 8.3                       | 66.9                       |
| Queensland                       | 1,028.2   | 336.5     | 1,364.7 | 142.5      | 1,507.2         | 866.6                     | 9.5                       | 63.5                       |

TABLE 8 — LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, NOVEMBER 1992

| Region                           | Employed       |              |                | Unemployed   | Labour force   | Not in labour force | Unemployment rate | Participation rate |
|----------------------------------|----------------|--------------|----------------|--------------|----------------|---------------------|-------------------|--------------------|
|                                  | Full-time      | Part-time    | Total          |              |                |                     |                   |                    |
|                                  | '000           | '000         | '000           | '000         | '000           | '000                | %                 | %                  |
| MALES                            |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 324.6          | 35.4         | 360.0          | 41.5         | 401.5          | 139.5               | 10.3              | 74.2               |
| Brisbane City Inner Ring         | 81.5           | 11.6         | 93.2           | 9.0          | 102.2          | 45.1                | 8.8               | 69.4               |
| Brisbane City Outer Ring         | 100.6          | 13.4         | 114.0          | 9.3          | 123.4          | 45.5                | 7.6               | 73.1               |
| South and East BSD Balance       | 64.9           | 2.9          | 67.7           | 11.1         | 78.9           | 17.3                | 14.1              | 82.0               |
| North and West BSD Balance       | 77.6           | 7.5          | 85.0           | 12.1         | 97.1           | 31.6                | 12.4              | 75.4               |
| <i>Balance of Queensland</i>     | 379.8          | 41.9         | 421.7          | 51.8         | 473.5          | 163.5               | 10.9              | 74.3               |
| South and East Moreton           | 64.6           | 9.0          | 73.6           | 11.0         | 84.6           | 30.6                | 13.0              | 73.4               |
| North and West Moreton           | 46.2           | 8.1          | 54.2           | 8.1          | 62.3           | 26.6                | 12.9              | 70.1               |
| Wide Bay-Burnett                 | 46.4           | 5.5          | 51.9           | 7.5          | 59.4           | 25.8                | 12.6              | 69.7               |
| Darling Downs and South-West     | 54.8           | 4.1          | 58.9           | 7.4          | 66.2           | 20.4                | 11.1              | 76.5               |
| Mackay, Fitzroy and Central-West | 70.0           | 5.5          | 75.4           | 5.3          | 80.8           | 25.0                | 6.6               | 76.4               |
| Northern and North-West          | 55.6           | 3.9          | 59.5           | 6.9          | 66.3           | 16.3                | 10.3              | 80.2               |
| Far North                        | 42.3           | 5.9          | 48.2           | 5.6          | 53.8           | 18.8                | 10.4              | 74.1               |
| <b>Queensland</b>                | <b>704.4</b>   | <b>77.3</b>  | <b>781.7</b>   | <b>93.3</b>  | <b>875.0</b>   | <b>303.0</b>        | <b>10.7</b>       | <b>74.3</b>        |
| FEMALES                          |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 167.6          | 117.4        | 284.9          | 25.7         | 310.7          | 260.1               | 8.3               | 54.4               |
| Brisbane City Inner Ring         | 47.0           | 26.2         | 73.1           | 7.2          | 80.4           | 75.9                | 9.0               | 51.4               |
| Brisbane City Outer Ring         | 50.8           | 38.5         | 89.3           | 4.6          | 93.9           | 76.4                | 4.9               | 55.1               |
| South and East BSD Balance       | 31.2           | 24.5         | 55.7           | 6.3          | 62.0           | 38.5                | 10.1              | 61.7               |
| North and West BSD Balance       | 38.6           | 28.1         | 66.7           | 7.7          | 74.4           | 69.4                | 10.3              | 51.7               |
| <i>Balance of Queensland</i>     | 152.4          | 137.4        | 289.8          | 33.0         | 322.8          | 307.4               | 10.2              | 51.2               |
| South and East Moreton           | 28.2           | 26.6         | 54.8           | 7.4          | 62.2           | 50.5                | 11.9              | 55.2               |
| North and West Moreton           | 19.1           | 20.2         | 39.3           | 4.4          | 43.7           | 44.9                | 10.2              | 49.3               |
| Wide Bay-Burnett                 | 17.0           | 20.3         | 37.2           | 4.8          | 42.0           | 43.1                | 11.4              | 49.4               |
| Darling Downs and South-West     | 20.3           | 18.0         | 38.3           | 4.2          | 42.5           | 46.6                | 10.0              | 47.7               |
| Mackay, Fitzroy and Central-West | 25.0           | 24.3         | 49.2           | 4.9          | 54.1           | 51.3                | 9.1               | 51.3               |
| Northern and North-West          | 22.5           | 14.4         | 36.9           | 3.6          | 40.5           | 36.6                | 8.9               | 52.5               |
| Far North                        | 20.4           | 13.7         | 34.1           | 3.6          | 37.8           | 34.4                | 9.6               | 52.4               |
| <b>Queensland</b>                | <b>320.0</b>   | <b>254.8</b> | <b>574.7</b>   | <b>58.8</b>  | <b>633.5</b>   | <b>567.5</b>        | <b>9.3</b>        | <b>52.7</b>        |
| PERSONS                          |                |              |                |              |                |                     |                   |                    |
| <i>Brisbane</i>                  | 492.1          | 152.8        | 644.9          | 67.3         | 712.2          | 399.7               | 9.4               | 64.1               |
| Brisbane City Inner Ring         | 128.5          | 37.8         | 166.3          | 16.2         | 182.5          | 121.0               | 8.9               | 60.1               |
| Brisbane City Outer Ring         | 151.4          | 52.0         | 203.3          | 13.9         | 217.3          | 121.9               | 6.4               | 64.1               |
| South and East BSD Balance       | 96.1           | 27.4         | 123.5          | 17.4         | 140.9          | 55.8                | 12.4              | 71.6               |
| North and West BSD Balance       | 116.2          | 35.6         | 151.8          | 19.7         | 171.5          | 101.0               | 11.5              | 62.9               |
| <i>Balance of Queensland</i>     | 532.2          | 179.3        | 711.5          | 84.8         | 796.3          | 470.9               | 10.6              | 62.8               |
| South and East Moreton           | 92.8           | 35.6         | 128.4          | 18.5         | 146.9          | 81.1                | 12.6              | 64.4               |
| North and West Moreton           | 65.2           | 28.3         | 93.5           | 12.5         | 106.0          | 71.5                | 11.8              | 59.7               |
| Wide Bay-Burnett                 | 63.4           | 25.7         | 89.2           | 12.3         | 101.5          | 68.9                | 12.1              | 59.6               |
| Darling Downs and South-West     | 75.1           | 22.1         | 97.1           | 11.6         | 108.7          | 67.0                | 10.7              | 61.9               |
| Mackay, Fitzroy and Central-West | 94.9           | 29.8         | 124.7          | 10.2         | 134.9          | 76.3                | 7.6               | 63.9               |
| Northern and North-West          | 78.1           | 18.3         | 96.4           | 10.4         | 106.8          | 52.9                | 9.8               | 66.9               |
| Far North                        | 62.7           | 19.6         | 82.3           | 9.2          | 91.5           | 53.1                | 10.1              | 63.3               |
| <b>Queensland</b>                | <b>1,024.3</b> | <b>332.1</b> | <b>1,356.5</b> | <b>152.0</b> | <b>1,508.5</b> | <b>870.6</b>        | <b>10.1</b>       | <b>63.4</b>        |

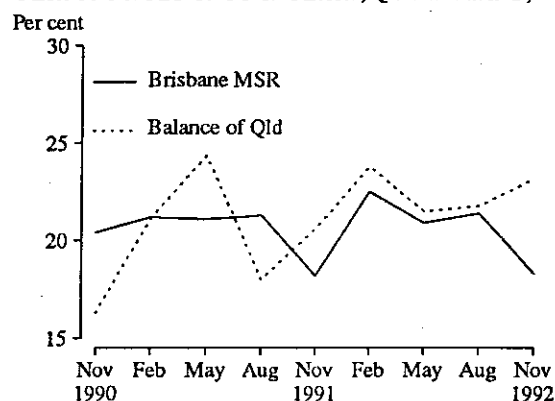
TABLE 9 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992

| Age group (years)                 | Employed  |           |       | Unemployed | Labour force | Not in labour force | Unemployment rate | Participation rate |
|-----------------------------------|-----------|-----------|-------|------------|--------------|---------------------|-------------------|--------------------|
|                                   | Full-time | Part-time | Total |            |              |                     |                   |                    |
|                                   | '000      | '000      | '000  |            |              |                     |                   |                    |
| BRISBANE CITY INNER RING          |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 22.7      | 12.5      | 35.2  | 7.4        | 42.6         | 22.5                | 17.4              | 65.4               |
| 15-19                             | 2.3       | 5.3       | 7.6   | 2.5        | 10.2         | 12.1                | 25.0              | 45.7               |
| 20-24                             | 20.4      | 7.2       | 27.6  | 4.9        | 32.5         | 10.5                | 15.0              | 75.7               |
| 25-44                             | 74.5      | 16.0      | 90.4  | 7.2        | 97.6         | 16.1                | 7.4               | 85.8               |
| 45 and over                       | 31.3      | 9.4       | 40.7  | * 1.6      | 42.3         | 82.3                | * 3.8             | 33.9               |
| Total                             | 128.5     | 37.8      | 166.3 | 16.2       | 182.5        | 121.0               | 8.9               | 60.1               |
| BRISBANE CITY OUTER RING          |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 25.6      | 18.8      | 44.4  | 5.8        | 50.2         | 18.4                | 11.5              | 73.1               |
| 15-19                             | 7.6       | 12.8      | 20.4  | 3.6        | 24.0         | 15.1                | 14.9              | 61.4               |
| 20-24                             | 17.9      | 6.0       | 24.0  | 2.2        | 26.2         | 3.4                 | 8.4               | 88.6               |
| 25-44                             | 74.3      | 17.9      | 92.2  | 5.3        | 97.5         | 23.2                | 5.5               | 80.8               |
| 45 and over                       | 51.5      | 15.3      | 66.8  | 2.8        | 69.6         | 80.2                | 4.0               | 46.4               |
| Total                             | 151.4     | 52.0      | 203.3 | 13.9       | 217.3        | 121.9               | 6.4               | 64.1               |
| SOUTH AND EAST BSD BALANCE        |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 21.6      | 7.5       | 29.1  | 5.8        | 34.8         | 12.0                | 16.5              | 74.4               |
| 15-19                             | 7.4       | 4.9       | 12.3  | 3.9        | 16.2         | 8.9                 | 24.3              | 64.7               |
| 20-24                             | 14.2      | 2.6       | 16.8  | * 1.8      | 18.6         | 3.1                 | * 9.7             | 85.7               |
| 25-44                             | 54.1      | 14.1      | 68.2  | 8.3        | 76.5         | 18.7                | 10.8              | 80.4               |
| 45 and over                       | 20.4      | 5.9       | 26.2  | 3.4        | 29.6         | 25.1                | 11.5              | 54.1               |
| Total                             | 96.1      | 27.4      | 123.5 | 17.4       | 140.9        | 55.8                | 12.4              | 71.6               |
| NORTH AND WEST BSD BALANCE        |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 24.9      | 12.1      | 37.0  | 6.2        | 43.2         | 18.0                | 14.3              | 70.5               |
| 15-19                             | 7.4       | 9.5       | 16.9  | * 2.7      | 19.6         | 11.4                | * 14.0            | 63.3               |
| 20-24                             | 17.5      | * 2.6     | 20.1  | 3.4        | 23.5         | 6.6                 | 14.5              | 78.0               |
| 25-44                             | 61.2      | 14.4      | 75.6  | 10.4       | 86.0         | 22.1                | 12.1              | 79.6               |
| 45 and over                       | 30.0      | 9.0       | 39.1  | 3.2        | 42.3         | 60.9                | 7.5               | 41.0               |
| Total                             | 116.2     | 35.6      | 151.8 | 19.7       | 171.5        | 101.0               | 11.5              | 62.9               |
| BRISBANE MAJOR STATISTICAL REGION |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 94.8      | 50.9      | 145.7 | 25.1       | 170.8        | 71.0                | 14.7              | 70.7               |
| 15-19                             | 24.7      | 32.4      | 57.2  | 12.8       | 70.0         | 47.4                | 18.3              | 59.6               |
| 20-24                             | 70.1      | 18.5      | 88.6  | 12.3       | 100.9        | 23.6                | 12.2              | 81.0               |
| 25-44                             | 264.1     | 62.3      | 326.5 | 31.2       | 357.6        | 80.1                | 8.7               | 81.7               |
| 45 and over                       | 133.2     | 39.6      | 172.7 | 11.0       | 183.7        | 248.6               | 6.0               | 42.5               |
| Total                             | 492.1     | 152.8     | 644.9 | 67.3       | 712.2        | 399.7               | 9.4               | 64.1               |
| SOUTH AND EAST MORETON            |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 16.1      | 10.9      | 27.0  | 8.6        | 35.6         | 7.7                 | 24.2              | 82.1               |
| 15-19                             | 4.7       | 5.5       | 10.2  | 3.3        | 13.4         | 4.6                 | 24.4              | 74.3               |
| 20-24                             | 11.4      | 5.4       | 16.8  | 5.3        | 22.1         | 3.1                 | 24.1              | 87.7               |
| 25-44                             | 52.7      | 15.8      | 68.5  | 6.9        | 75.5         | 14.0                | 9.2               | 84.3               |
| 45 and over                       | 24.0      | 8.9       | 32.9  | 2.9        | 35.8         | 59.4                | 8.2               | 37.6               |
| Total                             | 92.8      | 35.6      | 128.4 | 18.5       | 146.9        | 81.1                | 12.6              | 64.4               |
| NORTH AND WEST MORETON            |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 11.5      | 7.1       | 18.6  | 4.1        | 22.7         | 9.8                 | 18.0              | 69.9               |
| 15-19                             | 4.5       | 5.7       | 10.2  | * 2.1      | 12.3         | 6.9                 | * 16.9            | 64.1               |
| 20-24                             | 7.0       | * 1.4     | 8.4   | * 2.0      | 10.4         | 2.9                 | * 19.2            | 78.3               |
| 25-44                             | 34.8      | 14.1      | 48.9  | 6.1        | 55.0         | 16.4                | 11.2              | 77.1               |
| 45 and over                       | 18.9      | 7.1       | 26.0  | * 2.3      | 28.2         | 45.3                | * 8.0             | 38.4               |
| Total                             | 65.2      | 28.3      | 93.5  | 12.5       | 106.0        | 71.5                | 11.8              | 59.7               |
| WIDE BAY-BURNETT                  |           |           |       |            |              |                     |                   |                    |
| 15-24                             | 8.8       | 6.9       | 15.7  | 3.6        | 19.3         | 10.2                | 18.7              | 65.5               |
| 15-19                             | 2.8       | 5.0       | 7.9   | * 1.7      | 9.6          | 7.6                 | * 18.1            | 55.7               |
| 20-24                             | 5.9       | * 1.9     | 7.8   | * 1.9      | 9.7          | 2.5                 | * 19.3            | 79.3               |
| 25-44                             | 32.6      | 12.7      | 45.3  | 6.0        | 51.3         | 14.1                | 11.7              | 78.4               |
| 45 and over                       | 22.1      | 6.1       | 28.2  | 2.7        | 30.9         | 44.6                | 8.6               | 40.9               |
| Total                             | 63.4      | 25.7      | 89.2  | 12.3       | 101.5        | 68.9                | 12.1              | 59.6               |

TABLE 9 — LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992—continued

| Age group (years)                | Employed  |           |         | Unemployed | Labour force | Not in labour force | Unemployment rate | Participation rate |
|----------------------------------|-----------|-----------|---------|------------|--------------|---------------------|-------------------|--------------------|
|                                  | Full-time | Part-time | Total   |            |              |                     |                   |                    |
|                                  | '000      | '000      | '000    | '000       | '000         | '000                | %                 | %                  |
| DARLING DOWNS AND SOUTH-WEST     |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 18.4      | 4.5       | 22.8    | 5.6        | 28.4         | 12.7                | 19.6              | 69.0               |
| 15-19                            | 3.5       | 2.6       | 6.1     | 2.3        | 8.4          | 8.6                 | 27.1              | 49.3               |
| 20-24                            | 14.9      | 1.8       | 16.7    | 3.3        | 20.0         | 4.1                 | 16.5              | 83.0               |
| 25-44                            | 33.2      | 11.4      | 44.7    | 4.3        | 49.0         | 13.5                | 8.8               | 78.3               |
| 45 and over                      | 23.4      | 6.2       | 29.6    | 1.7        | 31.3         | 40.7                | 5.5               | 43.5               |
| Total                            | 75.1      | 22.1      | 97.1    | 11.6       | 108.7        | 67.0                | 10.7              | 61.9               |
| MACKAY, FITZROY AND CENTRAL-WEST |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 19.9      | 7.2       | 27.1    | 3.7        | 30.8         | 11.2                | 12.0              | 73.4               |
| 15-19                            | 4.3       | 4.6       | 8.9     | * 1.7      | 10.6         | 6.1                 | * 15.9            | 63.3               |
| 20-24                            | 15.6      | * 2.6     | 18.2    | * 2.0      | 20.2         | 5.0                 | * 9.9             | 80.1               |
| 25-44                            | 49.5      | 14.7      | 64.2    | 4.4        | 68.6         | 17.8                | 6.5               | 79.4               |
| 45 and over                      | 25.5      | 7.8       | 33.4    | * 2.1      | 35.5         | 47.3                | * 5.9             | 42.9               |
| Total                            | 94.9      | 29.8      | 124.7   | 10.2       | 134.9        | 76.3                | 7.6               | 63.9               |
| NORTHERN AND NORTH-WEST          |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 11.2      | 5.4       | 16.6    | 5.5        | 22.1         | 13.7                | 24.9              | 61.7               |
| 15-19                            | 3.1       | 3.0       | 6.0     | 3.4        | 9.4          | 9.3                 | 35.9              | 50.3               |
| 20-24                            | 8.1       | 2.4       | 10.5    | 2.1        | 12.7         | 4.4                 | 16.8              | 74.1               |
| 25-44                            | 45.9      | 9.3       | 55.1    | 3.5        | 58.6         | 14.0                | 5.9               | 80.7               |
| 45 and over                      | 21.0      | 3.7       | 24.7    | 1.5        | 26.2         | 25.2                | 5.7               | 50.9               |
| Total                            | 78.1      | 18.3      | 96.4    | 10.4       | 106.8        | 52.9                | 9.8               | 66.9               |
| FAR NORTH                        |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 10.6      | 5.4       | 16.0    | 4.0        | 20.0         | 11.2                | 20.2              | 64.2               |
| 15-19                            | 3.0       | 2.8       | 5.8     | 2.3        | 8.1          | 8.6                 | 28.1              | 48.4               |
| 20-24                            | 7.6       | 2.6       | 10.2    | 1.8        | 12.0         | 2.6                 | 14.8              | 82.2               |
| 25-44                            | 32.9      | 8.8       | 41.6    | 2.9        | 44.5         | 10.9                | 6.4               | 80.3               |
| 45 and over                      | 19.2      | 5.4       | 24.7    | 2.4        | 27.0         | 31.0                | 8.7               | 46.5               |
| Total                            | 62.7      | 19.6      | 82.3    | 9.2        | 91.5         | 53.1                | 10.1              | 63.3               |
| BALANCE OF QUEENSLAND            |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 96.5      | 47.3      | 143.8   | 35.1       | 178.9        | 76.4                | 19.6              | 70.1               |
| 15-19                            | 25.9      | 29.2      | 55.1    | 16.7       | 71.7         | 51.8                | 23.2              | 58.1               |
| 20-24                            | 70.6      | 18.1      | 88.7    | 18.4       | 107.2        | 24.7                | 17.2              | 81.3               |
| 25-44                            | 281.5     | 86.8      | 368.3   | 34.2       | 402.5        | 100.8               | 8.5               | 80.0               |
| 45 and over                      | 154.2     | 45.3      | 199.4   | 15.5       | 214.9        | 293.7               | 7.2               | 42.3               |
| Total                            | 532.2     | 179.3     | 711.5   | 84.8       | 796.3        | 470.9               | 10.6              | 62.8               |
| QUEENSLAND                       |           |           |         |            |              |                     |                   |                    |
| 15-24                            | 191.3     | 98.2      | 289.5   | 60.2       | 349.7        | 147.4               | 17.2              | 70.4               |
| 15-19                            | 50.6      | 61.6      | 112.2   | 29.5       | 141.7        | 99.1                | 20.8              | 58.8               |
| 20-24                            | 140.7     | 36.6      | 177.3   | 30.7       | 208.0        | 48.2                | 14.8              | 81.2               |
| 25-44                            | 545.6     | 149.1     | 694.8   | 65.3       | 760.1        | 180.9               | 8.6               | 80.8               |
| 45 and over                      | 287.3     | 84.8      | 372.2   | 26.5       | 398.6        | 542.3               | 6.6               | 42.4               |
| Total                            | 1,024.3   | 332.1     | 1,356.5 | 152.0      | 1,508.5      | 870.6               | 10.1              | 63.4               |

DIAGRAM 5 - YOUTH UNEMPLOYMENT RATE: PERSONS AGED 15 TO 19 YEARS, QUEENSLAND,





**TABLE 10 — LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, NOVEMBER 1992**

| Sex   | Employed  |           |       | Unemployed | Labour force | Not in labour force | Civilian population aged 15 to 19 years | Unemployment rate | Participation rate |
|---|-----------|-----------|-------|------------|--------------|---------------------|---|-------------------|--------------------|
|   | Full-time | Part-time | Total |            |              |                     |   |                   |                    |
|   | '000      | '000      | '000  | '000       | '000         | '000                | '000                                    | %                 | %                  |
| ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME |           |           |       |            |              |                     |   |                   |                    |
| Males   | 28.8      | 3.4       | 32.3  | 10.9       | 43.2         | * 2.6               | 45.8                                    | 25.3              | 94.4               |
| Females   | 20.3      | 9.9       | 30.2  | 7.8        | 38.1         | 6.8                 | 44.8                                    | 20.6              | 84.9               |
| Persons   | 49.2      | 13.3      | 62.5  | 18.7       | 81.2         | 9.3                 | 90.6                                    | 23.1              | 89.7               |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME                    |           |           |       |            |              |                     |   |                   |                    |
| Males   | * 1.0     | 3.7       | 4.8   | * 1.0      | 5.8          | 7.9                 | 13.7                                    | * 17.4            | 42.1               |
| Females   | * 0.2     | 5.0       | 5.2   | * 0.9      | 6.1          | 10.1                | 16.2                                    | * 15.2            | 37.8               |
| Persons   | * 1.2     | 8.7       | 9.9   | * 1.9      | 11.9         | 18.0                | 29.9                                    | * 16.2            | 39.8               |
| ATTENDING SCHOOL  |           |           |       |            |              |                     |   |                   |                    |
| Males   | * 0.2     | 17.0      | 17.2  | 5.4        | 22.6         | 40.9                | 63.5                                    | 23.9              | 35.6               |
| Females   | * 0.0     | 22.6      | 22.6  | 3.4        | 26.0         | 31.0                | 57.0                                    | 13.1              | 45.7               |
| Persons   | * 0.2     | 39.6      | 39.8  | 8.8        | 48.6         | 71.8                | 120.4                                   | 18.1              | 40.4               |
| TOTAL   |           |           |       |            |              |                     |   |                   |                    |
| Males   | 30.1      | 24.2      | 54.2  | 17.3       | 71.6         | 51.4                | 122.9                                   | 24.2              | 58.2               |
| Females   | 20.5      | 37.5      | 58.0  | 12.2       | 70.2         | 47.8                | 118.0                                   | 17.3              | 59.5               |
| Persons   | 50.6      | 61.6      | 112.2 | 29.5       | 141.7        | 99.1                | 240.9                                   | 20.8              | 58.8               |

**TABLE 11 — LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, NOVEMBER 1992**

| Sex  | Employed  |           |       | Unemployed | Labour force | Not in labour force | Civilian population aged 20 to 24 years | Unemployment rate | Participation rate |
|--|-----------|-----------|-------|------------|--------------|---------------------|---|-------------------|--------------------|
|  | Full-time | Part-time | Total |            |              |                     |   |                   |                    |
|  | '000      | '000      | '000  | '000       | '000         | '000                | '000                                    | %                 | %                  |
| NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME |           |           |       |            |              |                     |   |                   |                    |
| Males  | 82.4      | 7.2       | 89.6  | 18.8       | 108.3        | 3.9                 | 112.3                                   | 17.3              | 96.5               |
| Females  | 55.9      | 18.5      | 74.3  | 9.2        | 83.5         | 24.8                | 108.3                                   | 11.0              | 77.1               |
| Persons  | 138.3     | 25.6      | 163.9 | 27.9       | 191.8        | 28.8                | 220.6                                   | 14.6              | 87.0               |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME     |           |           |       |            |              |                     |   |                   |                    |
| Males  | * 1.3     | 4.0       | 5.4   | * 1.0      | 6.4          | 10.9                | 17.3                                    | * 15.2            | 36.8               |
| Females  | * 1.1     | 6.9       | 8.0   | * 1.8      | 9.8          | 8.6                 | 18.4                                    | * 18.5            | 53.4               |
| Persons  | * 2.4     | 11.0      | 13.4  | * 2.8      | 16.2         | 19.5                | 35.7                                    | * 17.2            | 45.4               |
| TOTAL  |           |           |       |            |              |                     |   |                   |                    |
| Males  | 83.8      | 11.2      | 95.0  | 19.7       | 114.7        | 14.8                | 129.5                                   | 17.2              | 88.5               |
| Females  | 56.9      | 25.4      | 82.3  | 11.0       | 93.3         | 33.4                | 126.7                                   | 11.8              | 73.6               |
| Persons  | 140.7     | 36.6      | 177.3 | 30.7       | 208.0        | 48.2                | 256.3                                   | 14.8              | 81.2               |

TABLE 12 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

| Month        | Females   |           |           |           |             |           |           |           |           |           |
|--------------|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|
|              | Males     |           | Married   |           | Not married |           | Total     |           | Persons   |           |
|              | Full-time | Part-time | Full-time | Part-time | Full-time   | Part-time | Full-time | Part-time | Full-time | Part-time |
| '000         |           |           |           |           |             |           |           |           |           |           |
| 1991 —       |           |           |           |           |             |           |           |           |           |           |
| September    | 705.4     | 80.0      | 182.9     | 165.0     | 132.0       | 68.4      | 314.9     | 233.3     | 1,020.3   | 313.3     |
| October      | 705.0     | 76.4      | 181.3     | 161.3     | 132.5       | 68.3      | 313.8     | 229.6     | 1,018.9   | 305.9     |
| November     | 696.6     | 79.4      | 180.9     | 161.7     | 130.2       | 75.0      | 311.1     | 236.8     | 1,007.7   | 316.2     |
| December     | 711.4     | 75.4      | 182.1     | 157.5     | 145.1       | 75.2      | 327.2     | 232.7     | 1,038.6   | 308.1     |
| 1992 —       |           |           |           |           |             |           |           |           |           |           |
| January      | 694.1     | 71.0      | 183.7     | 143.6     | 144.3       | 68.4      | 327.9     | 212.0     | 1,022.1   | 283.0     |
| February     | 692.3     | 79.0      | 177.1     | 163.3     | 140.6       | 72.5      | 317.7     | 235.8     | 1,009.9   | 314.8     |
| March        | 689.8     | 81.8      | 176.1     | 164.8     | 135.4       | 79.0      | 311.5     | 243.8     | 1,001.3   | 325.6     |
| April        | 692.3     | 79.3      | 177.9     | 165.2     | 138.1       | 79.0      | 316.0     | 244.2     | 1,008.3   | 323.5     |
| May          | 680.9     | 87.0      | 180.1     | 160.8     | 143.7       | 77.4      | 323.8     | 238.2     | 1,004.7   | 325.2     |
| June         | 684.5     | 85.9      | 180.3     | 164.2     | 139.8       | 79.0      | 320.1     | 243.3     | 1,004.6   | 329.1     |
| July         | 696.2     | 84.9      | 182.3     | 162.2     | 138.2       | 81.2      | 320.5     | 243.4     | 1,016.7   | 328.3     |
| August       | 693.9     | 83.5      | 181.0     | 168.7     | 138.2       | 79.4      | 319.2     | 248.2     | 1,013.1   | 331.7     |
| September    | 703.6     | 85.3      | 186.9     | 172.3     | 134.7       | 87.5      | 321.6     | 259.8     | 1,025.1   | 345.1     |
| October      | 704.6     | 82.9      | 184.9     | 166.2     | 138.7       | 87.4      | 323.6     | 253.6     | 1,028.2   | 336.5     |
| November     | 704.4     | 77.3      | 186.9     | 165.4     | 133.1       | 89.4      | 320.0     | 254.8     | 1,024.3   | 332.1     |
| PER CENT (a) |           |           |           |           |             |           |           |           |           |           |
| 1991 —       |           |           |           |           |             |           |           |           |           |           |
| September    | 89.8      | 10.2      | 52.6      | 47.4      | 65.9        | 34.1      | 57.4      | 42.6      | 76.5      | 23.5      |
| October      | 90.2      | 9.8       | 52.9      | 47.1      | 66.0        | 34.0      | 57.8      | 42.2      | 76.9      | 23.1      |
| November     | 89.8      | 10.2      | 52.8      | 47.2      | 63.4        | 36.6      | 56.8      | 43.2      | 76.1      | 23.9      |
| December     | 90.4      | 9.6       | 53.6      | 46.4      | 65.9        | 34.1      | 58.4      | 41.6      | 77.1      | 22.9      |
| 1992 —       |           |           |           |           |             |           |           |           |           |           |
| January      | 90.7      | 9.3       | 56.1      | 43.9      | 67.8        | 32.2      | 60.7      | 39.3      | 78.3      | 21.7      |
| February     | 89.8      | 10.2      | 52.0      | 48.0      | 66.0        | 34.0      | 57.4      | 42.6      | 76.2      | 23.8      |
| March        | 89.4      | 10.6      | 51.7      | 48.3      | 63.1        | 36.9      | 56.1      | 43.9      | 75.5      | 24.5      |
| April        | 89.7      | 10.3      | 51.9      | 48.1      | 63.6        | 36.4      | 56.4      | 43.6      | 75.7      | 24.3      |
| May          | 88.7      | 11.3      | 52.8      | 47.2      | 65.0        | 35.0      | 57.6      | 42.4      | 75.5      | 24.5      |
| June         | 88.9      | 11.1      | 52.3      | 47.7      | 63.9        | 36.1      | 56.8      | 43.2      | 75.3      | 24.7      |
| July         | 89.1      | 10.9      | 52.9      | 47.1      | 63.0        | 37.0      | 56.8      | 43.2      | 75.6      | 24.4      |
| August       | 89.3      | 10.7      | 51.8      | 48.2      | 63.5        | 36.5      | 56.3      | 43.7      | 75.3      | 24.7      |
| September    | 89.2      | 10.8      | 52.0      | 48.0      | 60.6        | 39.4      | 55.3      | 44.7      | 74.8      | 25.2      |
| October      | 89.5      | 10.5      | 52.7      | 47.3      | 61.3        | 38.7      | 56.1      | 43.9      | 75.3      | 24.7      |
| November     | 90.1      | 9.9       | 53.0      | 47.0      | 59.8        | 40.2      | 55.7      | 44.3      | 75.5      | 24.5      |

(a) Full-time and part-time as a proportion of employed persons in each category.

TABLE 13 — EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, NOVEMBER 1992

| Status of worker, industry division and occupation group | Females |         |             |        | Persons |
|--|---------|---------|-------------|--------|---------|
|  | Males   | Married | Not married | Total  |         |
| Status of worker   |         |         |             |        |         |
| Employers  | 54.5    | 34.4    | 43.0        | 35.0   | 47.9    |
| Self-employed  | 47.4    | 32.6    | 28.8        | 32.2   | 42.4    |
| Wage and salary earners                                  | 40.0    | 28.8    | 28.2        | 28.5   | 34.9    |
| Unpaid family helpers                                    | 20.7    | 18.2    | 8.0         | 15.6   | 18.1    |
| Industry division  |         |         |             |        |         |
| Agriculture, forestry, fishing and hunting               | 52.2    | 37.1    | 23.1        | 34.8   | 46.8    |
| Mining   | 43.2    | 31.5    | * 44.4      | 36.6   | 42.3    |
| Manufacturing  | 41.4    | 31.8    | 35.0        | 32.9   | 39.1    |
| Electricity, gas and water                               | 35.8    | * 27.2  | * 0.0       | * 27.2 | 35.0    |
| Construction   | 42.9    | 17.6    | 28.8        | 20.2   | 39.7    |
| Wholesale and retail trade                               | 41.7    | 30.6    | 22.8        | 27.2   | 35.1    |
| Wholesale trade  | 45.0    | 28.9    | 36.4        | 30.9   | 41.2    |
| Retail trade   | 39.9    | 31.0    | 21.2        | 26.5   | 32.9    |
| Transport and storage                                    | 44.1    | 24.3    | 34.1        | 28.3   | 41.3    |
| Communication  | 38.6    | 30.9    | 23.3        | 28.0   | 35.6    |
| Finance, property and business services                  | 40.8    | 28.8    | 31.2        | 29.8   | 35.3    |
| Public administration and defence                        | 39.0    | 28.7    | 33.4        | 31.0   | 36.5    |
| Community services                                       | 38.6    | 28.3    | 30.3        | 29.0   | 32.1    |
| Recreation, personal and other services                  | 37.9    | 30.7    | 26.0        | 28.4   | 32.3    |
| Occupation group   |         |         |             |        |         |
| Managers and administrators                              | 55.8    | 46.8    | 42.4        | 46.1   | 53.3    |
| Professionals  | 42.2    | 29.8    | 33.7        | 31.3   | 37.5    |
| Para-professionals                                       | 39.8    | 30.8    | 31.4        | 31.0   | 35.8    |
| Tradespersons  | 41.0    | 32.2    | 34.4        | 33.2   | 40.3    |
| Clerks   | 37.0    | 26.1    | 31.8        | 28.1   | 30.2    |
| Salespersons and personal service workers                | 39.3    | 29.4    | 22.0        | 25.7   | 30.6    |
| Plant and machine operators and drivers                  | 43.4    | 33.7    | 35.1        | 34.2   | 42.3    |
| Labourers and related workers                            | 35.5    | 24.8    | 24.0        | 24.5   | 31.8    |
| Full-time workers  | 44.9    | 41.2    | 37.4        | 39.6   | 43.2    |
| Part-time workers  | 13.7    | 16.3    | 14.3        | 15.6   | 15.2    |
| Total  | 41.8    | 29.5    | 28.1        | 29.0   | 36.4    |

DIAGRAM 6 - FEMALES AS A PROPORTION OF TOTAL EMPLOYED BY SELECTED INDUSTRY DIVISION, QUEENSLAND

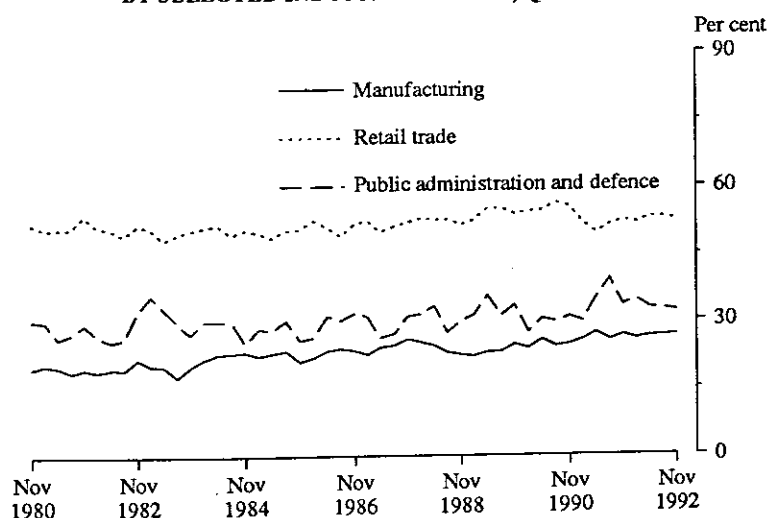


TABLE 14 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, NOVEMBER 1992 ('000)

| Particulars                                | Males        | Females      |              |              | Persons        |
|--|--------------|--------------|--------------|--------------|----------------|
|  |              | Married      | Not married  | Total        |                |
| <b>Status of worker</b>                    |              |              |              |              |                |
| Employers                                  | 49.8         | 23.9         | * 1.8        | 25.7         | 75.4           |
| Self-employed                              | 107.1        | 46.6         | 6.4          | 53.0         | 160.1          |
| Wage and salary earners                    | 618.1        | 276.4        | 212.5        | 489.0        | 1,107.1        |
| Unpaid family helpers                      | 6.8          | 5.3          | * 1.8        | 7.1          | 13.8           |
| <b>Industry division</b>                   |              |              |              |              |                |
| Agriculture, forestry, fishing and hunting | 54.1         | 20.4         | 4.0          | 24.3         | 78.4           |
| Mining                                     | 15.6         | * 1.5        | * 1.0        | * 2.5        | 18.1           |
| Manufacturing                              | 123.7        | 30.8         | 14.1         | 44.9         | 168.6          |
| Electricity, gas and water                 | 12.8         | * 1.4        | * 0.0        | * 1.4        | 14.2           |
| Construction                               | 97.3         | 12.3         | 3.7          | 16.0         | 113.4          |
| Wholesale and retail trade                 | 163.9        | 78.3         | 59.0         | 137.3        | 301.1          |
| Wholesale trade                            | 59.8         | 16.1         | 6.0          | 22.1         | 82.0           |
| Retail trade                               | 104.1        | 62.1         | 53.0         | 115.1        | 219.2          |
| Transport and storage                      | 58.1         | 7.5          | 5.1          | 12.6         | 70.7           |
| Communication                              | 12.3         | 3.0          | * 1.8        | 4.8          | 17.1           |
| Finance, property and business services    | 69.7         | 41.5         | 28.6         | 70.1         | 139.7          |
| Public administration and defence          | 41.3         | 9.7          | 9.7          | 19.4         | 60.7           |
| Community services                         | 84.5         | 111.6        | 61.6         | 173.2        | 257.7          |
| Recreation, personal and other services    | 48.5         | 34.5         | 33.8         | 68.3         | 116.8          |
| <b>Occupation group</b>                    |              |              |              |              |                |
| Managers and administrators                | 102.2        | 30.0         | 6.0          | 35.9         | 138.2          |
| Professionals                              | 85.8         | 40.2         | 26.0         | 66.2         | 152.0          |
| Para-professionals                         | 40.9         | 22.5         | 12.6         | 35.1         | 76.0           |
| Tradespersons                              | 183.8        | 10.8         | 9.3          | 20.2         | 204.0          |
| Clerks                                     | 52.2         | 111.8        | 61.1         | 173.0        | 225.2          |
| Salespersons and personal service workers  | 88.5         | 80.8         | 77.6         | 158.4        | 246.9          |
| Plant and machine operators and drivers    | 82.8         | 7.8          | 4.0          | 11.8         | 94.6           |
| Labourers and related workers              | 145.5        | 48.3         | 25.9         | 74.1         | 219.6          |
| <b>Total</b>                               | <b>781.7</b> | <b>352.2</b> | <b>222.5</b> | <b>574.7</b> | <b>1,356.5</b> |

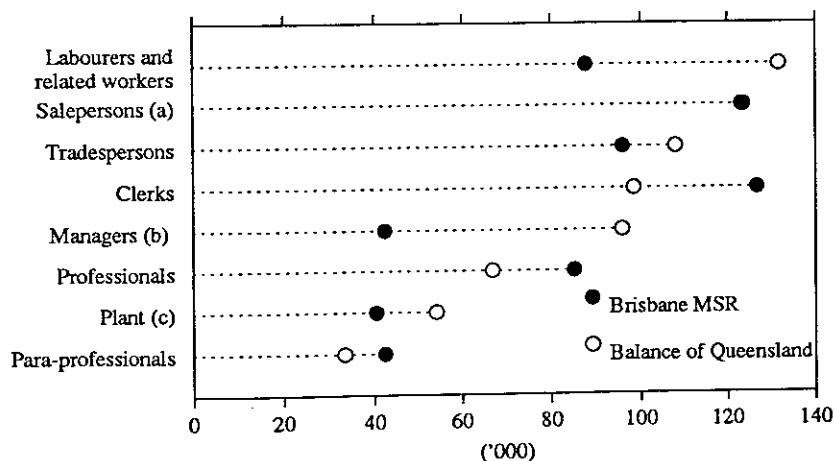
TABLE 15 — EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, NOVEMBER 1992 ('000)

| Industry division                          | Occupation group            |               |                    |               |              |   |   |                               | Total          |
|--|-----------------------------|---------------|--------------------|---------------|--------------|---|---|-------------------------------|----------------|
|  | Managers and administrators | Professionals | Para-professionals | Tradespersons | Clerks       | Salespersons and personal service workers | Plant and machine operators and drivers | Labourers and related workers |                |
| Agriculture, forestry, fishing and hunting | 42.9                        | * 0.3         | * 1.7              | * 2.3         | * 2.4        | * 0.0                                     | * 2.2                                   | 26.6                          | 78.4           |
| Mining                                     | * 0.6                       | * 1.9         | * 0.6              | 4.3           | * 1.5        | * 0.0                                     | 5.1                                     | 4.1                           | 18.1           |
| Manufacturing                              | 11.2                        | 8.0           | 4.2                | 48.4          | 22.1         | 10.6                                      | 23.2                                    | 40.8                          | 168.6          |
| Electricity, gas and water                 | * 0.4                       | * 1.1         | * 2.6              | 4.2           | * 2.4        | * 0.4                                     | * 1.8                                   | * 1.1                         | 14.2           |
| Construction                               | 9.1                         | * 1.3         | * 2.4              | 57.0          | 15.9         | * 0.8                                     | 9.2                                     | 17.6                          | 113.4          |
| Wholesale and retail trade                 | 36.4                        | 6.1           | 3.7                | 44.3          | 28.5         | 133.5                                     | 10.8                                    | 37.9                          | 301.1          |
| Transport and storage                      | 4.2                         | * 2.0         | 3.9                | 6.4           | 11.1         | 5.0                                       | 29.2                                    | 9.0                           | 70.7           |
| Communication                              | * 0.6                       | * 2.2         | * 0.6              | 4.3           | 7.6          | * 0.4                                     | * 1.0                                   | * 0.4                         | 17.1           |
| Finance, property and business services    | 9.5                         | 22.4          | 5.3                | * 2.3         | 50.1         | 33.2                                      | * 0.8                                   | 16.1                          | 139.7          |
| Public administration and defence          | 3.7                         | 9.7           | 6.0                | 3.4           | 23.0         | * 0.8                                     | 5.7                                     | 8.3                           | 60.7           |
| Community services                         | 5.7                         | 89.4          | 42.0               | 7.6           | 50.4         | 24.8                                      | 4.4                                     | 33.4                          | 257.7          |
| Recreation, personal and other services    | 13.8                        | 7.6           | * 2.9              | 19.5          | 10.2         | 37.3                                      | * 1.2                                   | 24.3                          | 116.8          |
| <b>Total</b>                               | <b>138.2</b>                | <b>152.0</b>  | <b>76.0</b>        | <b>204.0</b>  | <b>225.2</b> | <b>246.9</b>                              | <b>94.6</b>                             | <b>219.6</b>                  | <b>1,356.5</b> |

TABLE 16 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992  
(\*000)

| Particulars                                   | Brisbane                    |                             |                               |                               | Total |
|---|-----------------------------|-----------------------------|-------------------------------|-------------------------------|-------|
|   | Brisbane City<br>Inner Ring | Brisbane City<br>Outer Ring | South and East<br>BSD Balance | North and West<br>BSD Balance |       |
| Status of worker                              |                             |                             |                               |                               |       |
| Wage and salary earners                       | 143.0                       | 176.2                       | 104.9                         | 126.9                         | 551.0 |
| Others  | 23.3                        | 27.1                        | 18.6                          | 24.9                          | 93.9  |
| Industry division                             |                             |                             |                               |                               |       |
| Agriculture, forestry, fishing<br>and hunting | * 0.0                       | * 1.8                       | * 1.0                         | 2.4                           | 5.1   |
| Mining  | * 0.4                       | * 1.4                       | * 0.8                         | * 0.8                         | 3.4   |
| Manufacturing                                 | 16.4                        | 28.6                        | 19.6                          | 29.1                          | 93.7  |
| Electricity, gas and water                    | * 0.8                       | 2.7                         | * 0.2                         | * 1.2                         | 4.9   |
| Construction                                  | 10.8                        | 13.5                        | 10.7                          | 12.9                          | 47.9  |
| Wholesale and retail trade                    | 31.5                        | 51.0                        | 30.6                          | 34.3                          | 147.5 |
| Wholesale trade                               | 11.4                        | 16.9                        | 10.3                          | 7.7                           | 46.4  |
| Retail trade                                  | 20.1                        | 34.1                        | 20.3                          | 26.6                          | 101.1 |
| Transport and storage                         | 8.6                         | 10.8                        | 8.9                           | 9.6                           | 37.8  |
| Communication                                 | 3.7                         | 2.7                         | * 1.0                         | 2.5                           | 9.9   |
| Finance, property and<br>business services    | 25.8                        | 25.7                        | 13.7                          | 15.8                          | 80.9  |
| Public administration and<br>defence          | 9.7                         | 8.4                         | 4.7                           | 6.4                           | 29.3  |
| Community services                            | 41.5                        | 41.2                        | 24.6                          | 26.7                          | 134.0 |
| Recreation, personal and<br>other services    | 17.0                        | 15.6                        | 7.7                           | 10.1                          | 50.5  |
| Occupation group                              |                             |                             |                               |                               |       |
| Managers and administrators                   | 10.7                        | 14.8                        | 8.7                           | 8.2                           | 42.5  |
| Professionals                                 | 36.4                        | 29.5                        | 12.0                          | 7.3                           | 85.2  |
| Para-professionals                            | 10.7                        | 14.6                        | 7.5                           | 9.7                           | 42.5  |
| Tradespersons                                 | 20.8                        | 25.9                        | 21.5                          | 27.7                          | 95.9  |
| Clerks  | 33.5                        | 40.1                        | 24.0                          | 29.2                          | 126.8 |
| Salespersons and personal<br>service workers  | 30.9                        | 40.6                        | 22.2                          | 30.0                          | 123.7 |
| Plant and machine operators<br>and drivers    | 6.2                         | 8.6                         | 11.5                          | 14.1                          | 40.5  |
| Labourers and related workers                 | 17.1                        | 29.2                        | 15.9                          | 25.5                          | 87.8  |
| Total   | 166.3                       | 203.3                       | 123.5                         | 151.8                         | 644.9 |

DIAGRAM 7 - EMPLOYMENT BY OCCUPATION BY BRISBANE MSR AND  
BALANCE OF QUEENSLAND, NOVEMBER 1992



(a) Including personal service workers. (b) Including administrators.  
(c) Including machine operators and drivers.



TABLE 16 — EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION,  
QUEENSLAND, NOVEMBER 1992 —continued  
(<sup>'000</sup>)

| Particulars                                   | Balance of Queensland        |                              |                         |                                    |  |                               |              | Total | Queensland |
|---|------------------------------|------------------------------|-------------------------|------------------------------------|--|-------------------------------|--------------|-------|------------|
|   | South and<br>East<br>Moreton | North and<br>West<br>Moreton | Wide<br>Bay-<br>Burnett | Darling<br>Downs and<br>South-West | Mackay,<br>Fitzroy and<br>Central-West | Northern<br>and<br>North-West | Far<br>North |       |            |
| Status of worker                              |                              |                              |                         |                                    |  |                               |              |       |            |
| Wage and salary earners                       | 106.6                        | 62.7                         | 62.5                    | 72.2                               | 101.4                                  | 82.2                          | 68.4         | 556.1 | 1,107.1    |
| Others  | 21.8                         | 30.8                         | 26.7                    | 24.9                               | 23.3                                   | 14.1                          | 13.8         | 155.4 | 249.4      |
| Industry division                             |                              |                              |                         |                                    |  |                               |              |       |            |
| Agriculture, forestry, fishing<br>and hunting | 3.7                          | 11.8                         | 11.6                    | 20.9                               | 10.0                                   | 7.9                           | 7.3          | 73.3  | 78.4       |
| Mining  | * 0.6                        | * 0.5                        | * 0.5                   | 0.7                                | 3.4                                    | 8.4                           | 0.6          | 14.6  | 18.1       |
| Manufacturing                                 | 12.7                         | 10.1                         | 11.7                    | 11.2                               | 15.1                                   | 7.4                           | 6.6          | 74.9  | 168.6      |
| Electricity, gas and water                    | * 0.4                        | * 0.2                        | 2.6                     | 0.8                                | 3.0                                    | 1.5                           | 0.6          | 9.2   | 14.2       |
| Construction                                  | 17.2                         | 10.2                         | 7.9                     | 5.6                                | 9.8                                    | 8.3                           | 6.6          | 65.5  | 113.4      |
| Wholesale and retail trade                    | 33.7                         | 21.3                         | 18.9                    | 21.0                               | 25.8                                   | 19.1                          | 13.8         | 153.7 | 301.1      |
| Wholesale trade                               | 7.5                          | 3.0                          | 3.3                     | 5.9                                | 7.0                                    | 5.0                           | 4.0          | 35.6  | 82.0       |
| Retail trade                                  | 26.2                         | 18.3                         | 15.6                    | 15.1                               | 18.8                                   | 14.2                          | 9.9          | 118.1 | 219.2      |
| Transport and storage                         | 4.4                          | * 2.3                        | 2.8                     | 2.1                                | 10.3                                   | 5.7                           | 5.3          | 32.9  | 70.7       |
| Communication                                 | * 0.6                        | * 0.9                        | * 1.3                   | 1.1                                | * 1.9                                  | 1.1                           | 0.4          | 7.2   | 17.1       |
| Finance, property and<br>business services    | 16.1                         | 10.3                         | 5.8                     | 5.7                                | 9.2                                    | 5.8                           | 5.9          | 58.9  | 139.7      |
| Public administration and<br>defence          | 3.5                          | 4.0                          | 5.1                     | 3.4                                | 6.4                                    | 3.8                           | 5.0          | 31.3  | 60.7       |
| Community services                            | 17.1                         | 11.5                         | 14.5                    | 16.9                               | 22.4                                   | 19.3                          | 21.9         | 123.7 | 257.7      |
| Recreation, personal and<br>other services    | 18.4                         | 10.4                         | 6.6                     | 7.6                                | 7.2                                    | 7.9                           | 8.2          | 66.3  | 116.8      |
| Occupation group                              |                              |                              |                         |                                    |  |                               |              |       |            |
| Managers and administrators                   | 14.1                         | 15.8                         | 15.7                    | 19.6                               | 12.6                                   | 9.4                           | 8.5          | 95.7  | 138.2      |
| Professionals                                 | 11.2                         | 7.1                          | 8.3                     | 8.9                                | 13.1                                   | 9.0                           | 9.3          | 66.9  | 152.0      |
| Para-professionals                            | 4.6                          | 4.4                          | 3.1                     | 4.9                                | 5.8                                    | 6.1                           | 4.6          | 33.5  | 76.0       |
| Tradespersons                                 | 22.2                         | 13.3                         | 13.4                    | 14.5                               | 19.7                                   | 15.5                          | 9.5          | 108.0 | 204.0      |
| Clerks  | 17.4                         | 13.4                         | 10.2                    | 11.1                               | 18.2                                   | 13.4                          | 14.7         | 98.4  | 225.2      |
| Salespersons and personal<br>service workers  | 29.4                         | 17.1                         | 16.2                    | 12.0                               | 20.4                                   | 15.4                          | 12.6         | 123.2 | 246.9      |
| Plant and machine operators<br>and drivers    | 8.1                          | 4.6                          | 6.6                     | 4.1                                | 13.2                                   | 10.1                          | 7.4          | 54.1  | 94.6       |
| Labourers and related workers                 | 21.4                         | 17.7                         | 15.8                    | 22.0                               | 21.7                                   | 17.5                          | 15.7         | 131.8 | 219.6      |
| Total   | 128.4                        | 93.5                         | 89.2                    | 97.1                               | 124.7                                  | 96.4                          | 82.3         | 711.5 | 1,356.5    |

TABLE 17 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

| Duration of unemployment        | 1991         |              |              | 1992         |              |              |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                 | September    | October      | November     | September    | October      | November     |
| MALES                           |              |              |              |              |              |              |
|                                 | '000         | '000         | '000         | '000         | '000         | '000         |
| Unemployed                      |              |              |              |              |              |              |
| Under 4 weeks                   | 9.9          | 9.8          | 13.1         | 11.3         | 9.1          | 11.3         |
| 4 and under 8 weeks             | 8.0          | 7.6          | 8.1          | 8.0          | 8.6          | 10.7         |
| 8 and under 13 weeks            | 8.2          | 6.6          | 6.6          | 10.9         | 8.8          | 9.5          |
| 13 and under 26 weeks           | 14.2         | 14.7         | 12.9         | 12.5         | 13.5         | 9.8          |
| 26 and under 52 weeks           | 20.2         | 19.5         | 15.3         | 19.9         | 18.7         | 23.9         |
| 52 weeks and over               | 19.6         | 19.9         | 21.3         | 27.9         | 27.6         | 28.1         |
| <b>Total</b>                    | <b>80.2</b>  | <b>78.0</b>  | <b>77.3</b>  | <b>90.5</b>  | <b>86.2</b>  | <b>93.3</b>  |
|                                 | weeks        | weeks        | weeks        | weeks        | weeks        | weeks        |
| Median duration of unemployment | 25           | 26           | 22           | 26           | 26           | 30           |
| FEMALES                         |              |              |              |              |              |              |
|                                 | '000         | '000         | '000         | '000         | '000         | '000         |
| Unemployed                      |              |              |              |              |              |              |
| Under 4 weeks                   | 12.9         | 7.8          | 10.8         | 12.3         | 10.1         | 11.8         |
| 4 and under 8 weeks             | 6.5          | 7.1          | 8.0          | 5.7          | 6.2          | 6.1          |
| 8 and under 13 weeks            | 6.6          | 4.7          | 3.9          | 7.0          | 5.8          | 4.0          |
| 13 and under 26 weeks           | 7.9          | 7.0          | 6.5          | 7.1          | 5.9          | 7.3          |
| 26 and under 52 weeks           | 13.0         | 12.4         | 11.8         | 15.0         | 13.7         | 10.8         |
| 52 weeks and over               | 10.3         | 11.3         | 10.5         | 15.5         | 14.6         | 18.7         |
| <b>Total</b>                    | <b>57.3</b>  | <b>50.3</b>  | <b>51.5</b>  | <b>62.7</b>  | <b>56.3</b>  | <b>58.8</b>  |
|                                 | weeks        | weeks        | weeks        | weeks        | weeks        | weeks        |
| Median duration of unemployment | 16           | 21           | 17           | 22           | 26           | 26           |
| PERSONS                         |              |              |              |              |              |              |
|                                 | '000         | '000         | '000         | '000         | '000         | '000         |
| Unemployed                      |              |              |              |              |              |              |
| Under 4 weeks                   | 22.8         | 17.6         | 23.9         | 23.7         | 19.1         | 23.1         |
| 4 and under 8 weeks             | 14.5         | 14.7         | 16.1         | 13.6         | 14.8         | 16.8         |
| 8 and under 13 weeks            | 14.8         | 11.3         | 10.4         | 17.9         | 14.6         | 13.5         |
| 13 and under 26 weeks           | 22.1         | 21.7         | 19.5         | 19.6         | 19.4         | 17.2         |
| 26 and under 52 weeks           | 33.3         | 31.9         | 27.1         | 34.9         | 32.4         | 34.6         |
| 52 weeks and over               | 29.9         | 31.2         | 31.8         | 43.4         | 42.2         | 46.8         |
| <b>Total</b>                    | <b>137.5</b> | <b>128.3</b> | <b>128.8</b> | <b>153.1</b> | <b>142.5</b> | <b>152.0</b> |
|                                 | weeks        | weeks        | weeks        | weeks        | weeks        | weeks        |
| Median duration of unemployment | 21           | 24           | 20           | 26           | 26           | 26           |

TABLE 18 — UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992

| Region                           | Unemployed     |                   |       | Median duration<br>of unemployment<br>weeks |
|----------------------------------|----------------|-------------------|-------|---|
|                                  | Under 13 weeks | 13 weeks and over | Total |   |
|                                  | '000           | '000              | '000  |   |
| MALES                            |                |                   |       |   |
| Brisbane                         | 12.7           | 28.8              | 41.5  | 30  |
| Brisbane City Inner Ring         | 3.1            | 5.9               | 9.0   | * 33  |
| Brisbane City Outer Ring         | 2.8            | 6.5               | 9.3   | * 37  |
| South and East BSD Balance       | 4.0            | 7.1               | 11.1  | 19  |
| North and West BSD Balance       | * 2.8          | 9.3               | 12.1  | 31  |
| Balance of Queensland            | 18.8           | 33.0              | 51.8  | 31  |
| South and East Moreton           | 3.2            | 7.8               | 11.0  | 34  |
| North and West Moreton           | 3.4            | 4.7               | 8.1   | * 22  |
| Wide Bay-Burnett                 | 2.4            | 5.1               | 7.5   | * 32  |
| Darling Downs and South-West     | 2.4            | 5.0               | 7.4   | * 31  |
| Mackay, Fitzroy and Central-West | * 1.6          | 3.7               | 5.3   | * 38  |
| Northern and North-West          | 2.6            | 4.3               | 6.9   | * 37  |
| Far North                        | 3.2            | 2.4               | 5.6   | * 8   |
| Queensland                       | 31.5           | 61.8              | 93.3  | 30  |
| FEMALES                          |                |                   |       |   |
| Brisbane                         | 10.5           | 15.2              | 25.7  | 19  |
| Brisbane City Inner Ring         | 3.6            | 3.7               | 7.2   | * 14  |
| Brisbane City Outer Ring         | 2.6            | 2.0               | 4.6   | * 4   |
| South and East BSD Balance       | * 2.0          | 4.3               | 6.3   | * 30  |
| North and West BSD Balance       | * 2.3          | 5.3               | 7.7   | * 24  |
| Balance of Queensland            | 11.4           | 21.6              | 33.0  | 26  |
| South and East Moreton           | 3.4            | 4.1               | 7.4   | * 13  |
| North and West Moreton           | * 0.6          | 3.8               | 4.4   | * 52  |
| Wide Bay-Burnett                 | * 1.7          | 3.1               | 4.8   | * 41  |
| Darling Downs and South-West     | 0.9            | 3.3               | 4.2   | * 32  |
| Mackay, Fitzroy and Central-West | * 1.4          | 3.5               | 4.9   | * 52  |
| Northern and North-West          | 1.8            | 1.8               | 3.6   | * 8   |
| Far North                        | 1.6            | 2.0               | 3.6   | * 17  |
| Queensland                       | 22.0           | 36.8              | 58.8  | 26  |
| PERSONS                          |                |                   |       |   |
| Brisbane                         | 23.2           | 44.1              | 67.3  | 26  |
| Brisbane City Inner Ring         | 6.7            | 9.5               | 16.2  | 18  |
| Brisbane City Outer Ring         | 5.4            | 8.5               | 13.9  | 28  |
| South and East BSD Balance       | 6.0            | 11.4              | 17.4  | 22  |
| North and West BSD Balance       | 5.1            | 14.6              | 19.7  | 31  |
| Balance of Queensland            | 30.2           | 54.6              | 84.8  | 28  |
| South and East Moreton           | 6.5            | 11.9              | 18.5  | 26  |
| North and West Moreton           | 4.0            | 8.5               | 12.5  | 33  |
| Wide Bay-Burnett                 | 4.1            | 8.2               | 12.3  | 32  |
| Darling Downs and South-West     | 3.4            | 8.3               | 11.6  | 31  |
| Mackay, Fitzroy and Central-West | 3.0            | 7.2               | 10.2  | * 50  |
| Northern and North-West          | 4.4            | 6.0               | 10.4  | * 17  |
| Far North                        | 4.8            | 4.4               | 9.2   | * 12  |
| Queensland                       | 53.4           | 98.6              | 152.0 | 26  |

**TABLE 19 — UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND**

| Unemployment category,<br>industry division<br>and occupation group      | November 1991 |            | February 1992 |             | May 1992     |             | August 1992  |            | November 1992 |             |
|--|---------------|------------|---------------|-------------|--------------|-------------|--------------|------------|---------------|-------------|
|  | Number        | Rate       | Number        | Rate        | Number       | Rate        | Number       | Rate       | Number        | Rate        |
|  | '000          | %          | '000          | %           | '000         | %           | '000         | %          | '000          | %           |
| Persons who had worked full-time for 2 weeks or more in the last 2 years | 80.3          | 5.7        | 92.1          | 6.5         | 88.7         | 6.2         | 82.4         | 5.8        | 82.9          | 5.7         |
| Industry division  |               |            |               |             |              |             |              |            |               |             |
| Agriculture, forestry, fishing and hunting                               | 7.5           | 7.6        | 8.4           | 8.9         | 6.9          | 7.5         | 5.7          | 6.5        | 7.6           | 8.9         |
| Manufacturing  | 14.8          | 8.8        | 17.6          | 9.7         | 15.9         | 8.9         | 17.3         | 9.7        | 17.2          | 9.2         |
| Construction   | 10.7          | 8.7        | 15.5          | 13.7        | 15.2         | 14.0        | 10.6         | 8.8        | 11.1          | 8.9         |
| Wholesale and retail trade   | 18.8          | 6.0        | 18.2          | 5.6         | 22.4         | 6.9         | 16.1         | 4.9        | 16.8          | 5.3         |
| Community services   | 7.4           | 2.9        | 7.6           | 3.1         | 6.2          | 2.4         | 6.2          | 2.5        | 6.3           | 2.4         |
| Recreation, personal and other services                                  | 7.1           | 5.7        | 8.6           | 6.8         | 7.6          | 6.1         | 10.0         | 8.2        | 8.9           | 7.1         |
| Other industries   | 14.0          | 4.3        | 16.3          | 4.8         | 14.4         | 4.3         | 16.4         | 4.8        | 14.9          | 4.4         |
| Occupation group   |               |            |               |             |              |             |              |            |               |             |
| Managers and administrators  | * 2.3         | * 1.6      | 3.1           | 2.2         | 4.6          | 3.3         | 5.2          | 3.6        | 3.3           | 2.4         |
| Professionals  | * 2.4         | * 1.7      | 4.4           | 3.1         | * 2.6        | * 1.7       | 3.2          | 2.2        | * 2.6         | * 1.7       |
| Para-professionals   | 3.2           | 3.7        | * 2.6         | * 3.3       | * 2.5        | * 3.0       | * 1.5        | * 1.8      | * 2.3         | * 2.9       |
| Tradespersons  | 14.9          | 6.9        | 18.2          | 8.4         | 17.2         | 7.8         | 18.1         | 8.1        | 15.3          | 7.0         |
| Clerks   | 7.4           | 3.5        | 11.2          | 4.9         | 8.9          | 4.0         | 7.9          | 3.5        | 10.2          | 4.3         |
| Salespersons and personal service workers                                | 13.2          | 5.5        | 12.8          | 5.2         | 16.1         | 6.2         | 14.5         | 5.7        | 13.6          | 5.2         |
| Plant and machine operators and drivers                                  | 8.2           | 7.6        | 9.8           | 9.0         | 9.9          | 9.8         | 6.3          | 6.0        | 7.2           | 7.0         |
| Labourers and related workers  | 28.6          | 11.4       | 30.0          | 11.7        | 26.8         | 10.6        | 25.7         | 10.4       | 28.2          | 11.3        |
| Reason for ceasing last full-time job                                    |               |            |               |             |              |             |              |            |               |             |
| Job loser  |               |            |               |             |              |             |              |            |               |             |
| Laid off, retrenched   | 38.8          | ..         | 45.1          | ..          | 41.2         | ..          | 37.2         | ..         | 36.3          | ..          |
| Other  | 19.9          | ..         | 22.3          | ..          | 23.1         | ..          | 18.3         | ..         | 19.3          | ..          |
| Job leaver   | 21.6          | ..         | 24.7          | ..          | 24.4         | ..          | 26.9         | ..         | 27.3          | ..          |
| Other  |               |            |               |             |              |             |              |            |               |             |
| Persons looking for first job  | 13.0          | ..         | 18.2          | ..          | 13.8         | ..          | 14.8         | ..         | 12.9          | ..          |
| Former workers   | 32.6          | ..         | 55.6          | ..          | 49.4         | ..          | 44.3         | ..         | 53.2          | ..          |
| Persons stood down   | * 2.9         | ..         | 4.7           | ..          | 5.4          | ..          | * 2.5        | ..         | 3.1           | ..          |
| <b>Total</b>   | <b>128.8</b>  | <b>8.9</b> | <b>170.6</b>  | <b>11.4</b> | <b>157.3</b> | <b>10.6</b> | <b>144.0</b> | <b>9.7</b> | <b>152.0</b>  | <b>10.1</b> |
| Looking for full-time work   | 109.3         | 9.8        | 136.6         | 11.9        | 133.9        | 11.8        | 120.2        | 10.6       | 126.4         | 11.0        |
| Looking for part-time work   | 19.4          | 5.8        | 34.0          | 9.8         | 23.4         | 6.7         | 23.8         | 6.7        | 25.7          | 7.2         |

## SPECIAL SURVEYS DATA RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

| <i>Title of publication</i>  | <i>Latest Data</i>         | <i>Catalogue No.</i> |
|--|----------------------------|----------------------|
| <i>Alternative Working Arrangements, Australia</i>   | September to November 1986 | 6341.0               |
| <i>Annual and Long Service Leave Taken, Australia</i>  | May 1988 to April 1989     | 6317.0               |
| <i>Career Paths of Persons With Trade Qualifications, Australia</i>  | 1989                       | 6243.0               |
| <i>Career Paths of Qualified Nurses, Australia</i>   | March to July 1989         | 6277.0               |
| <i>Child Care, Australia</i>   | November 1990              | 4402.0               |
| <i>Employment Benefits, Australia</i>  | July 1991                  | 6334.0               |
| <i>How Workers Get Their Training, Australia</i>   | 1989                       | 6278.0               |
| <i>1990 Survey of Income and Housing Costs and Amenities</i>   | 1990                       | 6546.0               |
| <i>Job Search Experience of Unemployed Persons, Australia</i>  | July 1992                  | 6222.0               |
| <i>Labour Force Experience, Australia</i>  | March 1992                 | 6206.0               |
| <i>Labour Force Status and Educational Attainment, Australia</i>   | February 1992              | 6235.0               |
| <i>Labour Force Status and Other Characteristics of Families</i>   | June 1992                  | 6224.0               |
| <i>Labour Force Status and Other Characteristics of Migrants, Australia</i>  | September 1990             | 6250.0               |
| <i>Labour Mobility, Australia</i>  | February 1992              | 6209.0               |
| <i>Multiple Jobholding, Australia</i>  | July 1991                  | 6216.0               |
| <i>Participation in Education, Australia</i><br>(Formerly <i>Labour Force Status and Educational Attendance, Australia</i> ) | September 1991             | 6272.0               |
| <i>Persons Employed at Home, Australia</i>   | March 1992                 | 6275.0               |
| <i>Persons Not in the Labour Force, Australia</i>  | September 1991             | 6220.0               |
| <i>Persons Who Had Re-entered the Labour Force, Australia</i>  | May 1990                   | 6264.0               |
| <i>Persons Who Have Left the Labour Force, Australia</i>   | April 1991                 | 6267.0               |
| <i>Retirement and Retirement Intentions, Australia</i>   | November 1989              | 6238.0               |
| <i>Successful and Unsuccessful Job Search Experience, Australia</i>  | July 1992                  | 6245.0               |
| <i>Superannuation, Australia</i>   | November 1991              | 6319.0               |
| <i>Trade Union Members, Australia</i>  | August 1990                | 6325.0               |
| <i>Transition From Education to Work, Australia</i>  | May 1992                   | 6227.0               |
| <i>Underemployed Workers, Australia</i>  | May 1991                   | 6265.0               |
| <i>Weekly Earnings of Employees (Distribution), Australia</i>  | July 1991                  | 6310.0               |

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Special tabulations of data from these surveys are available. Please contact Mark Chalmers on (07) 222 6068 for further information.

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## CUSTOMISED REPORTS

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Summary reports at the national, State and regional level can be prepared for any aspect of the labour force required, or on any aspect of employment, earnings or industrial conditions. Please contact Mark Chalmers on (07) 222 6068 for details or write to Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

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## *RECENT RELEASES OF INTEREST*

### *Successful and Unsuccessful Job Search Experience, July 1992 (6245.0), (\$12.50)*

Contains information on persons who had started a wage or salary earning job during the previous 12 months, their method of job attainment, and whether they were out of work prior to starting the job and the details of the job. For persons who had looked for a wage or salary earning job but had not started one, details are given of their job search experience and the type of job they were looking for.

### *Job Search Experience of Unemployed Persons, Australia, July 1992 (6222.0), (\$12.50)*

This publication contains estimates of unemployed persons classified by difficulties in finding work, duration of current period of unemployment, age, whether would move interstate or intrastate if offered a suitable job, birthplace, active steps taken to find work, whether looking for full-time or part-time work, educational attainment, number of spells of looking for work in the previous 12 months.

### *Transition From Education To Work, Australia, May 1992 (6227.0), (\$12.50)*

Information on persons aged 15 to 64 years by whether attended an educational institution, type of attendance and type of educational institution attended in previous year, whether currently attending an educational institution, type of attendance and type of educational institution currently attending, whether left full-time education, type of school last attended, attending and whether completed Year 12 schooling, age, labour force status, highest level of education attained and year in which qualification attained and, for employed leavers, occupation and industry. Apprentices by field of trade and year of apprenticeship.

### *Labour Force Status and Other Characteristics of Families, Australia, June 1992 (6224.0), (\$12.50)*

This publication contains information on family type (e.g. married-couple, one-parent) classified by family size, number of employed and unemployed family members, labour force status of husband/wife/head, birthplace of head, number of dependent children, age of wife/head/dependent children.

### *Persons Employed At Home, Australia, March 1992 (6275.0) (\$12.50)*

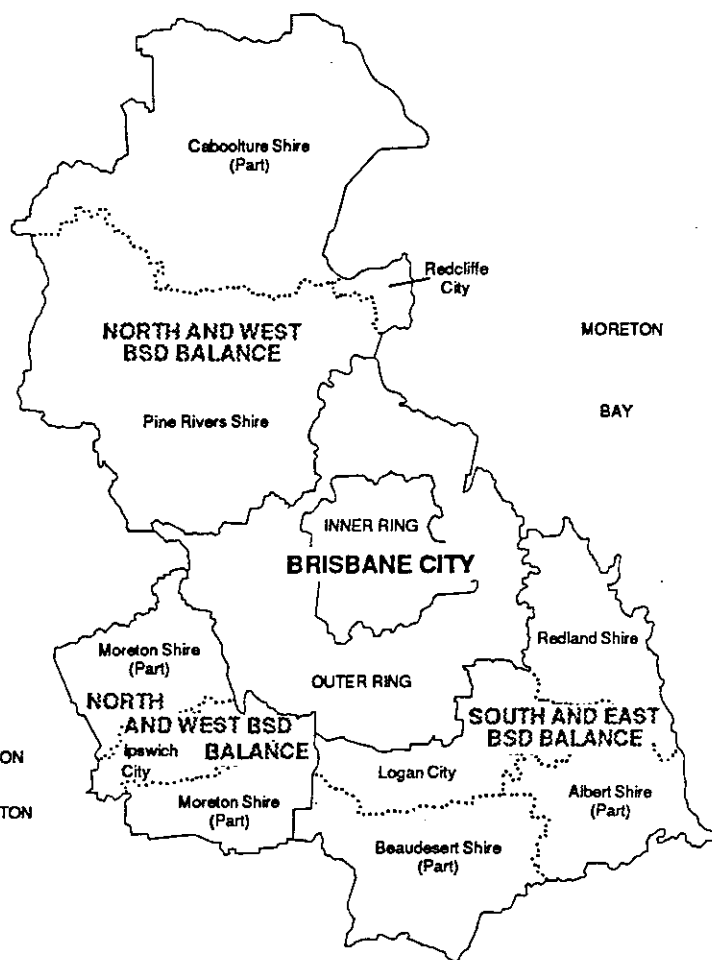
Provides details of persons who usually worked more hours at home than elsewhere in their main or second job or business. Information as to number of hours usually worked at home, reason for working from home, usual gross weekly pay, industry and occupation is included.

Please contact Mark Chalmers, in the Social Analysis Subsection on (07) 222 6068 for further information.

## STATISTICAL REGIONS, QUEENSLAND



## STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



### Brisbane City Inner Ring

|                  |                                    |                   |                  |
|------------------|------------------------------------|-------------------|------------------|
| Albion           | Clayfield                          | Highgate Hill     | Red Hill         |
| Alderley         | Coorparoo                          | Holland Park      | Sherwood         |
| Annerley         | Corinda                            | Holland Park West | South Brisbane   |
| Ascot            | Dutton Park                        | Indooroopilly     | Spring Hill      |
| Ashgrove         | East Brisbane                      | Kangaroo Point    | St Lucia         |
| Balmoral         | Enoggera (including Military Camp) | Kedron            | Stafford         |
| Bardon           | Fairfield                          | Kelvin Grove      | Stafford Heights |
| Bowen Hills      | Fortitude Valley - Inner           | Lutwyche          | Taringa          |
| Bulimba          | Fortitude Valley - Remainder       | Milton            | Tarragindi       |
| Camp Hill        | Graceville                         | Moorooka          | Toowong          |
| Cannon Hill      | Grange                             | Morningside       | West End         |
| Carina           | Greenslopes                        | New Farm          | Wilston          |
| Carina Heights   | Hamilton                           | Newmarket         | Windsor          |
| Carindale        | Hawthorne                          | Newstead          | Woolloongabba    |
| Chelmer          | Hendra                             | Norman Park       | Woolloowin       |
| City - Inner     | Herston                            | Nundah            | Yeerongpilly     |
| City - Remainder |                                    | Paddington        | Yeronga          |

## EXPLANATORY NOTES

### The population survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers approximately three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

### Scope

2. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

### Coverage

3. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.

4. Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

### Supplementary and special surveys

5. Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 22.

### Population benchmarks

6. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated

distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the quarterly ABS publication *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

7. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

8. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

### Revision of series

9. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

10. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

11. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

12. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

13. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986 and June 1991.

## EXPLANATORY NOTES — continued

**Comparability of series**

14. As noted in paragraph 9, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

15. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

16. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

**Reliability of estimates**

17. Estimates in this publication are subject to two sources of error.

- (a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.
- (b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

**Survey sample redesign**

18. The labour force survey sample has been redesigned and reselected using information collected in the 1991 Census of Population and Housing. The new sample is being phased in over the period September to December 1992. For details, see *Information Paper: Labour Force Survey — Sample Design* (6269.0).

19. For the most part, one quarter of the new sample will be introduced each month so that, by December 1992, the entire new sample will be in place. Replacement will occur generally at the rotation group level with two groups being

substituted each month. Such a pattern of implementation means that any changes to labour force estimates due to differences between the two samples, or any other influences, will spread over 4 months rather than being concentrated in one inter-month period.

20. This phase-in scheme will apply to the private dwelling sample in urban areas. The new sample for non-private dwellings and private dwellings in rural areas has been introduced in a single stage in November 1992.

21. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 195.

**Potential effects on labour force survey estimates**

22. Implications for estimates produced from the LFS due to sample redesign and its implementation are as follows:

- (a) the sampling error in Queensland will increase overall initially by about 8 per cent over the current level but will decline gradually during the life of the new sample. There will also be higher standard errors for the estimates of month-to-month movements produced over the period September 1992 to December 1992 compared with those for the corresponding series produced prior to this period and from January 1993 onwards. *Overall, these are estimated to be up to 20 per cent higher than the normal standard errors on monthly movements.*
- (b) analysis has shown that the unemployment rate is marginally higher (less than 0.5 percentage points) for those persons in sample for the first time. Normally, this will not affect the overall estimates of month-to-month movements because the number of persons in sample does not change significantly. However, during the transition period, there will be twice as many as usual in sample for the first time. This may cause a small upward movement (of less than 0.1 percentage points) in the unemployment rate from August 1992 to September 1992 and a compensating decrease from December 1992 to January 1993.

**Changes to regions**

23. The following changes to the existing Queensland labour force dissemination regions take effect from September 1992:

The Brisbane Major Statistical Region has been expanded to include all of the Shire of Pine Rivers and additional parts of the Shires of Caboolture, Beaudesert, Moreton and Albert. 'South and East BSD Balance Statistical Region' and 'North and West BSD Balance Statistical Region' have been enlarged with corresponding reductions to 'South and East Moreton Statistical Region' and 'North and West Moreton Statistical Region'.

## EXPLANATORY NOTES — continued

## Seasonal adjustment

24. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

## Trend estimation

25. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

26. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

## Month-to-month movements

27. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 17.

## Related publications

28. Users may also wish to refer to the following publications which are available on request:

- The Labour Force, Australia, Preliminary* (6202.0) – Monthly (\$10.50)
- The Labour Force, Australia* (6203.0) – Monthly (\$16.00)
- The Labour Force, Australia* (6204.0) – Latest issue: 1978 to 1989

*Monthly Summary of Statistics* (1304.3) – Monthly (\$9.70)

*Economic Indicators* (1307.3) – Monthly (\$6.60)

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) – Latest issue: July 1985

*Information Paper: A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0) – Latest issue: 1987

*Information Paper: Time Series Decomposition — an Overview* (1317.0) – Latest issue: 1987

*Information Paper: Labour Force Survey — Sample Design* (6269.0) – Latest issue: September 1992

*Information Paper: Labour Force Survey — Measuring Teenage Unemployment* (6270.0) – Latest issue: October 1987

*Information Paper: Measuring Employment and Unemployment* (6279.0) – New issue: August 1991

*Information Paper: Regional Labour Force Statistics* (6262.0) – Latest issue: September 1992

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the *Catalogue* and the *Publications Advice* are available from any ABS office.

## Unpublished statistics

30. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

## Symbols and other usages

- .. not applicable
- \* subject to sampling variability too high for most practical purposes; See paragraphs 8 and 9 in the Technical Notes

31. Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.



## TECHNICAL NOTES

### Estimation procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

### Data quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling error* is explained in the Explanatory Notes, paragraph 17(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

#### Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

#### Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. \* 3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

#### Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters, i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.11. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

### METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

| Measure of reliability to be determined  | Method  |
|--|---|
| Standard errors of estimates of employed persons.  | Determine the SE from Table A directly.   |
| Standard errors of estimates of unemployed persons.  | Multiply the SE from Table A by 0.97.   |
| Standard errors of estimates of persons not in the labour force.   | Multiply the SE from Table A by 1.06.   |
| Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force). | Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula.    |
|  | $RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$   |
| Standard error of average hours worked.  | Determine the RSE for the number of persons on which the average is based and multiply this by 0.7. |
| Standard error of median duration of unemployment.   | Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.  |
| Standard error of monthly movements.   | Using Table B, look up the SE of the larger estimate.   |
| Standard error of quarterly movements.   | Determine the standard error of the larger estimate (using Table A) and multiply this by 1.11.      |
| Standard error of annual movements.  | Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.       |

## TECHNICAL NOTES—continued

TABLE A—STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

| Size of estimate | Brisbane (MSR) Statistical Regions                      |                             |                             |  |  |
|------------------|---|-----------------------------|-----------------------------|--|--|
|                  | Queensland;<br>Brisbane (MSR);<br>Balance of Queensland | Brisbane City<br>Inner Ring | Brisbane City<br>Outer Ring | South and East<br>Brisbane Statistical<br>Division Balance | North and West<br>Brisbane Statistical<br>Division Balance |
|                  | No.   | No.                         | No.                         | No.  | No.  |
| 200              | 210   | 160                         | 170                         | 170  | 170  |
| 300              | 260   | 200                         | 210                         | 220  | 210  |
| 500              | 340   | 260                         | 270                         | 280  | 280  |
| 700              | 400   | 310                         | 320                         | 340  | 330  |
| 1,000            | 480   | 380                         | 390                         | 410  | 400  |
| 1,500            | 590   | 470                         | 480                         | 500  | 500  |
| 2,000            | 680   | 540                         | 560                         | 590  | 580  |
| 2,500            | 750   | 610                         | 630                         | 660  | 650  |
| 3,000            | 820   | 670                         | 690                         | 720  | 720  |
| 4,000            | 940   | 780                         | 800                         | 840  | 830  |
| 5,000            | 1,050   | 880                         | 900                         | 950  | 940  |
| 7,000            | 1,200   | 1,050                       | 1,100                       | 1,150  | 1,100  |
| 10,000           | 1,400   | 1,250                       | 1,300                       | 1,350  | 1,350  |
| 15,000           | 1,700   | 1,550                       | 1,600                       | 1,700  | 1,650  |
| 20,000           | 1,950   | 1,800                       | 1,850                       | 1,950  | 1,950  |
| 30,000           | 2,300   | 2,250                       | 2,300                       | 2,450  | 2,400  |
| 50,000           | 2,850   | 2,950                       | 3,050                       | 3,150  | 3,150  |
| 70,000           | 3,250   | 3,500                       | 3,600                       | 3,800  | 3,750  |
| 100,000          | 3,750   | 4,250                       | 4,350                       | 4,550  | 4,500  |
| 150,000          | 4,400   | 5,200                       | 5,400                       | 5,600  | 5,600  |
| 200,000          | 4,950   | 6,100                       | 6,300                       | 6,600  | 6,500  |
| 300,000          | 5,800   | 7,500                       | 7,700                       | 8,100  | 8,000  |
| 500,000          | 7,000   | 9,900                       | 10,100                      | 10,600   | 10,500   |
| 1,000,000        | 8,900   | ..                          | ..                          | ..   | ..   |
| 2,000,000        | 11,300  | ..                          | ..                          | ..   | ..   |

## Balance of Queensland Statistical Regions

| Size of estimate | South and East<br>Moreton | North and West<br>Moreton | Wide Bay-<br>Burnett | Darling<br>Downs and<br>South-West | Mackay,<br>Fitzroy and<br>Central-West | Northern<br>and<br>North-West | Far North |
|------------------|---------------------------|---------------------------|----------------------|------------------------------------|--|-------------------------------|-----------|
|                  | No.                       | No.                       | No.                  | No.                                | No.                                    | No.                           | No.       |
| 200              | 160                       | 170                       | 180                  | 180                                | 180                                    | 170                           | 190       |
| 300              | 200                       | 220                       | 230                  | 220                                | 220                                    | 210                           | 240       |
| 500              | 270                       | 280                       | 300                  | 290                                | 290                                    | 270                           | 310       |
| 700              | 320                       | 340                       | 350                  | 340                                | 340                                    | 320                           | 370       |
| 1,000            | 380                       | 410                       | 430                  | 410                                | 420                                    | 390                           | 440       |
| 1,500            | 470                       | 500                       | 530                  | 510                                | 510                                    | 480                           | 550       |
| 2,000            | 550                       | 590                       | 620                  | 600                                | 600                                    | 560                           | 640       |
| 2,500            | 620                       | 660                       | 690                  | 670                                | 670                                    | 630                           | 720       |
| 3,000            | 680                       | 720                       | 760                  | 740                                | 740                                    | 690                           | 790       |
| 4,000            | 790                       | 840                       | 890                  | 860                                | 860                                    | 810                           | 920       |
| 5,000            | 890                       | 950                       | 1000                 | 960                                | 970                                    | 910                           | 1,050     |
| 7,000            | 1,050                     | 1,150                     | 1,200                | 1,150                              | 1,150                                  | 1,100                         | 1,250     |
| 10,000           | 1,300                     | 1,350                     | 1,450                | 1,400                              | 1,400                                  | 1,300                         | 1,500     |
| 15,000           | 1,600                     | 1,700                     | 1,750                | 1,700                              | 1,700                                  | 1,600                         | 1,850     |
| 20,000           | 1,850                     | 1,950                     | 2,050                | 2,000                              | 2,000                                  | 1,900                         | 2,150     |
| 30,000           | 2,300                     | 2,400                     | 2,550                | 2,450                              | 2,500                                  | 2,350                         | 2,650     |
| 50,000           | 3,000                     | 3,150                     | 3,350                | 3,250                              | 3,250                                  | 3,050                         | 3,450     |
| 70,000           | 3,550                     | 3,800                     | 4,000                | 3,850                              | 3,850                                  | 3,650                         | 4,100     |
| 100,000          | 4,300                     | 4,550                     | 4,800                | 4,650                              | 4,650                                  | 4,350                         | 4,950     |
| 200,000          | 6,200                     | 6,600                     | 6,900                | 6,700                              | 6,700                                  | 6,300                         | 7,100     |
| 300,000          | 7,600                     | 8,100                     | 8,500                | 8,300                              | 8,300                                  | 7,800                         | 8,800     |
| 500,000          | 10,000                    | 10,600                    | 11,200               | 10,800                             | 10,800                                 | 10,200                        | 11,500    |

## GLOSSARY – continued

*Participation rate.* For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

*Part-time workers.* Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

*Seasonally adjusted series.* A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 24 of the Explanatory Notes for more detail.

*Statistical regions.* Classified according to the *Australian Standard Geographical Classification (ASGC), Edition 2.1* (1216.0).

*Status of worker.* Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

*Trend series.* A smoothed seasonally adjusted series of estimates. See paragraphs 25 and 26 of the Explanatory Notes for more detail.

*Unemployed.* Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:

- (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week);

- (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or

- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

*Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

*Unemployed looking for full-time work.* Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

*Unemployed looking for part-time work.* Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

*Unemployment rate.* For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.



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